



0000169416

RECEIVE Direct: (602) 530-8191  
Email: jennifer.cranston@gknet.com

2016 APR - 1 P 4:34

AZ CORP COMMISSION  
DOCKET CONTROL

April 1, 2016

**HAND DELIVERED**

Docket Control  
Arizona Corporation Commission  
1200 W. Washington St.  
Phoenix, AZ 85007

Re: *Arizona Electric Power Cooperative, Inc.'s ("AEPCO") Demand- and Supply-Side Data Filing (the "Data Filing"); Docket No. E-00000V-15-0094*

Dear Sir or Madam:

Pursuant to the requirements of Arizona Administrative Code R14-2-703.A and B, enclosed are the original and 13 copies of the Public Version of AEPCO's Data Filing. Your assistance in relation to this matter is appreciated.

Sincerely,

GALLAGHER & KENNEDY, P.A.

By:

Jennifer A. Cranston

JAC/plp  
Enclosure  
10421-78/5347692

Arizona Corporation Commission

**DOCKETED**

APR 01 2016

DOCKETED BY	
-------------	--

**Original and 13 copies** filed with Docket Control this 1<sup>st</sup> day of April, 2016.

**Arizona Electric Power Cooperative, Inc.**

**Demand- and Supply-Side Data Filing  
R14-2-703.A and B**

**Docket No. E-00000V-15-0094**

**April 1, 2016**

**Public Version**

**THIS DOCUMENT CONTAINS CONFIDENTIAL  
INFORMATION PROTECTED PURSUANT TO THE  
PROTECTIVE AGREEMENT BETWEEN AEPCO AND  
STAFF DATED MARCH 23, 2015**

# INDEX

Requirement	Page No.
A.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of demand-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:	
1. Hourly demand for the previous calendar year, disaggregated by:	
a. Sales to end users.....	1
b. Sales for resale.....	2
c. Energy losses.....	15
d. Other disposition of energy, such as energy furnished without charge and energy used by the load-serving entity.....	28
2. Coincident peak demand (megawatts) and energy consumption (megawatt-hours) by month for the previous 10 years, disaggregated by customer class.....	29
3. Number of customers by customer class for each of the previous 10 years...	38
4. Reduction in load (kilowatt and kilowatt-hours) in the previous calendar year due to existing demand management measures, by type of demand management measure.....	39
B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:	
1. For each generating unit and purchased power contract for the previous calendar year:	
a. In-service date and book life or contract period.....	40
b. Type of generating unit or contract.....	41
c. The load-serving entity's share of the generating unit's capacity, or of capacity under the contract, in megawatts.....	42
d. Maximum generating unit or contract capacity, by hour, day, or month, if such capacity varies during the year.....	43
e. Annual capacity factor (generating units only).....	44
f. Average heat rate of generating units and, if available, heat rates at selected output levels.....	45

# INDEX

	<b>Requirement</b>	<b>Page No.</b>
g.	Average fuel cost for generating units, in dollars per million Btu for each type of fuel.....	50
h.	Other variable operating and maintenance costs for generating units, in dollars per megawatt hour.....	51
i.	Purchased power energy costs for long-term contracts, in dollars per megawatt-hour.....	52
j.	Fixed operating and maintenance costs of generating units, in dollars per megawatt.....	53
k.	Demand charges for purchased power.....	54
l.	Fuel type for each generating unit.....	55
m.	Minimum capacity at which the generating unit would be run or power must be purchased.....	56
n.	Whether, under standard operating procedures, the generating unit must be run if it is available to run.....	57
o.	Description of each generating unit as base load, intermediate, or peaking.....	58
p.	Environmental impacts, including air emission quantities (in metric tons or pounds) and rates (in quantities per megawatt-hour) for carbon dioxide, nitrogen oxides, sulfur dioxide, mercury, particulates, and other air emissions subject to current or expected future environmental regulation.....	60
q.	Water consumption quantities and rates.....	61
r.	Tons of coal ash produced per generating unit.....	62
2.	For the power supply system for the previous calendar year:	
a.	A description of generating unit commitment procedures.....	63
b.	Production cost.....	64
c.	Reserve requirements.....	65
d.	Spinning reserve.....	66
e.	Reliability of generating, transmission, and distribution systems.....	67
f.	Purchase and sale prices, averaged by month, for the aggregate of all purchase and sales related to short-term contracts.....	69
g.	Energy losses.....	70
3.	The level of self generation in the load-serving entity's service area for the previous calendar year.....	71
4.	An explanation of any resource procurement processes used by the load-serving entity during the previous calendar year that did not include use of an RFP, including the exception under which the process was used.....	72

## 2015 Integrated Resource Planning Actual Data Filing

### R14-2-703. Load-serving Entity Reporting Requirements

A.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of demand-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:

1. Hourly demand for the previous calendar year, disaggregated by:

- a. Sales to end users;

---

Arizona Electric Power Cooperative, Inc. (AEPCO) sells at wholesale to other utilities, including its Member distribution cooperatives. It does not sell directly to end users. Therefore, it has no end users' sales data to report.

## 2015 Integrated Resource Planning Actual Data Filing

### R14-2-703. Load-serving Entity Reporting Requirements

**A.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of demand-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

1. Hourly demand for the previous calendar year, disaggregated by:

- b. Sales for resale;

---

The data reported in the following tables reflects the hourly wholesale sales for resale from AEPCO resources in 2015.

For AEPCO's All Requirements Members (ARMs), the data reflects the hourly metered loads of each ARM plus any third party sales made by AEPCO on behalf of the ARMs.

AEPCO acted as scheduling agent for two of its Partial Requirements Members (PRMs), Mohave Electric Cooperative, Inc. (Mohave) and Sulphur Springs Valley Electric Cooperative, Inc. (Sulphur), for the entirety of 2015. The data reported for those two members reflects their metered loads, plus any third party sales made by AEPCO from their Allocated Capacity (AC) in AEPCO resources, less any purchases for load above AC made by AEPCO as agent.

AEPCO's third PRM, Trico Electric Cooperative, Inc. (Trico), had a third party scheduling agent from January 1, 2015 to May 31, 2015. The data reported by AEPCO for this time period is Trico's scheduled take from its AC, which includes any third party sales at wholesale made by Trico's scheduling agent from Trico's AC in AEPCO resources. AEPCO became Trico's scheduling agent effective June 1, 2015. The data reported by AEPCO for the time period June 1, 2015 to December 31, 2015 reflects Trico's metered load, plus any third party sales made by AEPCO from Trico's AC in AEPCO resources, less any purchases for load above AC made by AEPCO as agent for Trico.

A r i z o n a E l e c t r i c P o w e r C o o p e r a t i v e , I n c .

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
1	1	317	312	289	278	283	323	344	359	347	321	341	330	317	310	318	298	348	356	362	362	348	345	345	313			
1	2	258	254	259	261	267	280	321	343	347	347	326	321	295	307	303	301	316	362	363	363	355	346	333	333	323		
1	3	261	265	265	267	273	282	349	354	348	347	282	269	302	246	240	238	329	350	362	362	357	352	348	348	332		
1	4	284	271	256	258	263	272	351	359	350	343	267	254	244	227	223	222	231	304	353	353	353	351	339	339	308		
1	5	263	230	230	233	244	264	351	352	347	347	325	258	231	216	207	217	258	349	354	358	357	352	334	334	272		
1	6	255	207	211	216	244	254	345	364	360	350	341	337	327	333	264	314	321	345	356	360	359	359	354	349	296		
1	7	201	198	201	206	219	241	297	362	345	303	284	224	219	210	209	210	271	319	354	358	357	334	296	296	259		
1	8	192	192	187	186	196	220	297	354	346	286	246	239	241	240	239	241	256	360	362	362	347	323	219	219	219		
1	9	199	194	194	194	197	204	333	338	340	341	263	237	228	209	204	201	202	208	253	350	351	329	278	257	257	226	
1	10	196	192	191	192	200	215	316	325	242	239	231	221	212	205	203	203	215	258	355	355	355	304	296	296	259		
1	11	192	190	185	186	190	206	237	232	238	238	233	212	211	209	207	208	213	287	357	358	335	313	286	241	219		
1	12	218	177	175	177	184	204	250	250	250	250	243	245	225	220	217	213	213	225	272	353	350	348	329	249	228	228	
1	13	183	183	183	185	191	215	323	357	352	300	232	212	207	198	196	199	320	349	360	361	361	353	328	328	229		
1	14	194	211	200	202	209	237	344	357	357	357	336	248	211	207	205	207	211	218	347	356	354	353	347	286	224	224	
1	15	202	197	208	211	219	244	358	364	361	354	242	232	215	208	204	205	209	248	358	358	359	347	250	207	207	207	
1	16	200	195	197	200	213	288	348	348	359	358	341	241	221	215	210	205	206	236	278	305	308	306	274	299	219	219	
1	17	208	204	205	209	218	247	347	364	356	332	305	218	207	203	195	195	199	294	358	360	358	358	345	285	199	199	
1	18	190	193	192	196	203	216	229	347	256	241	226	213	207	200	194	199	202	266	307	283	286	273	266	203	203	203	
1	19	187	182	183	186	193	213	235	361	326	243	234	223	213	199	192	193	229	253	362	363	348	348	256	289	213	213	
1	20	185	183	185	190	199	222	332	362	353	248	231	209	203	204	201	204	238	309	364	364	358	358	345	285	228	228	
1	21	195	180	183	184	194	212	344	357	256	235	221	210	203	199	196	201	216	305	360	361	358	358	319	247	230	230	
1	22	194	189	190	193	210	231	324	353	325	355	265	230	217	212	207	208	217	295	364	364	363	363	360	294	284	284	
1	23	211	213	227	237	264	358	364	359	343	262	240	223	216	206	206	207	270	352	364	364	364	356	363	356	265	226	
1	24	224	216	217	219	229	264	322	362	359	267	250	237	228	214	201	204	208	319	350	360	361	357	296	301	237	237	
1	25	209	203	203	190	194	201	213	251	252	245	234	229	222	217	209	208	215	356	362	362	357	358	333	222	202	182	
1	26	183	178	178	180	187	289	333	335	281	326	294	233	226	219	218	219	226	266	363	363	356	356	359	248	267	267	267
1	27	197	183	183	184	194	213	327	355	367	233	258	226	243	197	191	191	201	319	348	348	348	342	333	308	209	209	209
1	28	203	176	181	183	193	212	339	347	299	229	212	195	194	192	188	192	198	221	357	358	358	358	353	222	202	182	182
1	29	174	169	168	170	178	192	349	350	279	222	220	213	212	208	208	208	226	349	364	364	364	359	347	341	190	190	190
1	30	184	177	171	174	184	229	307	348	337	341	339	337	324	331	328	329	323	341	362	361	339	339	318	201	201	201	201
1	31	192	184	177	178	188	202	219	245	237	232	234	233	229	226	220	223	231	313	336	358	356	356	285	216	201	201	201

April 1, 2016

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
2	1	191	185	183	185	191	203	218	231	237	236	230	222	215	209	202	199	202	199	202	199	202	199	202		
2	2	179	177	178	182	225	265	351	352	349	288	256	210	178	176	182	182	182	182	182	182	188	261	314		
2	3	185	180	180	185	192	214	344	359	234	264	204	191	186	180	182	185	193	193	193	193	193	313	303		
2	4	177	176	176	180	186	207	253	351	342	294	206	192	188	185	181	183	195	181	183	195	284	355	357		
2	5	176	174	173	179	189	211	242	350	282	215	201	195	191	187	186	190	197	190	197	197	255	351	353		
2	6	169	167	167	170	180	201	278	318	251	209	196	190	186	184	188	192	199	192	199	199	206	305	301		
2	7	173	167	166	167	172	184	199	209	211	209	205	200	194	192	193	192	199	192	199	199	206	265	270	268	
2	8	174	166	165	165	170	187	202	213	206	203	199	195	192	192	196	198	204	216	281	309	279	220	199	221	
2	9	170	163	164	164	172	199	228	236	211	200	190	195	187	187	188	190	201	222	294	357	356	358	358	208	
2	10	168	163	162	164	172	190	218	225	211	200	189	187	186	187	187	192	214	269	336	355	357	354	319	191	
2	11	173	166	164	175	181	196	226	235	215	203	193	189	189	187	186	194	197	193	193	193	193	314	340	346	
2	12	173	170	169	170	180	198	232	236	219	211	200	190	195	192	191	191	194	207	341	341	354	353	347	343	221
2	13	184	177	174	181	188	203	232	239	220	212	205	200	190	190	188	188	191	195	242	340	348	334	346	319	222
2	14	182	175	173	174	178	188	208	219	214	210	202	202	200	203	203	205	213	220	309	311	303	216	199	222	
2	15	178	171	166	166	171	179	190	204	207	206	204	202	208	207	210	219	225	231	250	251	251	238	230	207	222
2	16	179	168	167	169	178	186	227	298	288	209	203	202	201	199	200	207	237	309	357	358	358	336	312	205	219
2	17	169	166	173	174	178	194	224	305	265	206	207	200	198	195	197	202	235	346	358	354	352	347	331	222	
2	18	181	173	173	175	184	227	319	346	306	211	206	202	201	200	201	204	213	221	221	358	358	355	351	340	222
2	19	175	171	171	173	181	236	334	349	349	289	208	204	201	202	204	208	241	344	349	352	349	347	276	222	
2	20	176	169	167	169	181	197	267	352	345	294	215	208	231	202	212	213	222	253	359	362	354	329	337	222	
2	21	306	300	168	169	183	195	276	285	344	307	283	204	201	200	203	207	212	219	355	352	349	343	343	343	222
2	22	175	170	168	168	176	187	224	209	204	212	213	211	212	211	210	209	216	224	358	357	354	348	316	316	222
2	23	199	199	168	170	176	195	269	349	342	254	287	282	278	274	272	273	285	310	357	361	355	347	342	342	222
2	24	243	312	207	210	217	255	362	359	362	333	261	251	229	225	220	218	220	299	358	362	357	350	335	335	222
2	25	206	202	201	209	217	234	354	363	357	312	234	215	195	192	202	214	224	352	360	364	364	288	224	224	222
2	26	197	193	194	202	215	264	361	357	344	340	213	203	198	196	202	201	208	342	357	361	359	330	283	283	222
2	27	196	192	193	187	198	280	345	347	339	245	210	207	200	202	203	204	210	275	355	358	357	296	345	345	222
2	28	218	182	179	181	184	236	242	240	236	213	211	208	210	204	203	202	208	219	325	356	345	247	232	232	222

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
3	1	188	181	176	175	182	214	230	219	221	216	216	216	216	215	214	215	217	221	304	345	348	346	335	264	272			
3	2	188	177	173	175	192	231	337	349	341	291	246	275	220	261	257	259	314	331	362	362	276	270	270	206				
3	3	192	187	182	183	189	226	307	363	359	356	219	205	191	189	187	189	198	261	348	351	349	297	255	255	219			
3	4	188	182	181	183	191	311	338	353	336	253	213	209	207	199	196	200	205	318	354	361	360	331	270	270	233			
3	5	198	196	198	202	210	232	306	360	356	342	215	209	207	201	199	199	202	292	354	364	361	335	225	225	213			
3	6	198	196	195	193	204	296	331	274	239	225	213	208	206	201	198	200	202	261	352	362	362	260	256	256	233			
3	7	189	182	201	208	194	211	227	237	219	210	217	201	199	198	196	199	203	238	363	366	363	248	254	254	230			
3	8	187	180	179	179	183	196	211	219	207	201	196	193	193	194	195	198	207	279	364	364	362	227	208	208	221			
3	9	180	174	173	180	189	217	256	274	249	211	209	208	209	216	217	220	234	288	253	265	253	229	221	221	209			
3	10	184	181	180	183	200	242	321	284	227	213	211	211	213	213	217	225	294	352	357	359	359	258	266	266	196			
3	11	191	183	182	184	191	215	313	348	222	218	215	213	215	216	217	226	229	286	359	357	367	267	221	221	204			
3	12	188	181	180	183	189	206	275	283	227	235	219	221	222	233	236	239	325	322	356	362	361	314	314	218	201			
3	13	193	188	180	181	190	205	226	232	234	229	218	200	206	213	215	211	226	223	228	233	230	224	224	215	191			
3	14	183	179	176	177	180	187	190	204	190	190	193	182	182	183	194	204	194	224	229	233	228	228	222	221	204			
3	15	174	170	169	169	172	181	183	191	194	195	193	195	199	201	206	211	219	226	230	234	231	221	195	180	180			
3	16	167	166	167	172	188	218	220	208	206	196	213	217	226	234	234	239	240	242	244	244	237	228	204	180	180			
3	17	178	174	173	175	186	220	222	215	203	208	214	224	230	238	243	240	241	243	246	246	240	231	203	191	186			
3	18	168	162	160	166	181	219	217	219	200	209	208	206	195	198	201	217	224	230	235	228	216	198	178	178	178			
3	19	170	163	160	160	169	181	214	222	220	210	207	178	182	196	183	181	207	211	215	222	219	210	200	179	179			
3	20	167	157	152	153	161	175	212	214	213	191	192	190	189	199	204	210	221	220	225	229	224	217	184	172	172			
3	21	161	153	153	159	165	189	202	179	176	179	183	190	193	198	207	207	214	224	229	222	216	216	181	172	172			
3	22	163	154	152	151	153	163	170	174	178	181	182	189	193	201	207	211	220	222	229	240	229	212	196	181	181			
3	23	164	152	152	151	155	173	188	190	196	203	197	204	209	215	219	217	227	227	241	245	237	217	199	184	184	184		
3	24	173	165	161	165	172	189	204	219	213	200	201	203	210	215	223	223	231	226	230	241	235	222	204	187	187	187		
3	25	175	163	160	160	163	186	217	221	216	194	193	197	197	205	209	222	233	240	243	240	231	200	182	182	182	182		
3	26	182	176	174	177	183	199	207	218	213	205	211	215	219	224	230	244	253	255	245	246	243	231	212	194	194	194	194	
3	27	183	179	176	178	183	198	216	217	214	211	205	216	227	235	247	250	253	260	255	254	244	230	215	196	196	196	196	
3	28	187	180	174	175	177	183	181	186	193	198	203	218	222	237	260	261	265	267	262	260	249	232	216	199	199	199	199	
3	29	176	165	163	165	165	170	174	184	191	197	204	223	237	244	259	268	260	260	263	267	258	235	206	183	183	183	183	
3	30	175	164	158	156	160	173	206	210	210	204	215	221	236	251	266	268	271	272	270	270	260	240	218	195	195	195	195	
3	31	179	170	166	165	170	176	200	216	210	209	222	240	251	265	265	268	261	262	264	267	262	242	221	201	181	181	181	181

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
4	1	188	174	171	169	177	192	200	202	204	212	221	231	242	251	264	274	273	273	269	265	253	238	223	199	
4	2	184	174	171	171	177	193	200	211	212	217	222	228	234	237	243	246	249	250	255	250	255	250	232	215	195
4	3	183	173	169	169	173	189	200	198	202	206	209	210	215	226	231	237	238	240	248	252	247	240	209	192	
4	4	179	171	168	168	170	180	186	190	197	196	200	205	211	215	223	239	243	256	245	249	246	239	212	203	
4	5	180	168	163	162	162	167	173	187	191	198	200	208	214	221	225	232	246	243	243	253	246	228	208	188	
4	6	177	164	162	162	165	181	192	199	199	204	211	205	216	221	223	240	244	247	251	257	251	241	217	194	
4	7	180	169	168	169	174	191	201	207	209	211	208	219	216	223	232	233	251	256	265	266	258	241	225	202	
4	8	189	180	178	177	182	196	206	209	207	208	207	210	213	219	223	229	235	239	239	256	265	253	243	218	193
4	9	181	174	173	173	179	195	214	211	205	206	208	211	214	213	221	228	239	246	248	258	253	242	212	193	
4	10	182	176	173	175	180	193	201	203	201	199	204	206	209	212	219	234	241	247	248	252	248	240	221	200	
4	11	179	171	154	153	156	177	179	185	192	199	203	209	216	226	233	240	257	251	249	250	249	250	242	234	215
4	12	182	168	165	163	162	170	181	192	199	206	213	215	225	231	237	243	251	255	247	251	242	230	204	184	
4	13	168	168	166	167	171	193	196	200	195	192	198	206	218	227	248	260	263	270	268	268	256	238	220	204	
4	14	178	170	166	166	170	189	206	211	212	208	220	228	231	239	247	252	255	263	260	262	253	237	214	191	
4	15	179	166	164	163	167	186	213	213	202	198	202	206	210	209	207	210	215	237	238	245	240	240	231	199	178
4	16	168	160	158	160	164	178	201	200	194	188	185	190	191	179	178	185	199	211	223	233	231	223	192	169	
4	17	171	161	160	164	174	192	210	205	189	187	189	192	193	187	190	197	206	222	230	237	234	230	212	194	
4	18	181	165	163	163	174	186	199	192	186	190	200	204	199	206	221	232	242	246	247	247	239	230	209	194	
4	19	172	164	162	161	162	183	191	186	198	199	207	211	216	225	236	253	261	264	261	261	249	231	217	209	
4	20	178	162	158	158	162	193	221	223	216	204	218	227	238	250	260	266	270	270	267	267	257	232	215	197	
4	21	183	169	166	165	168	186	211	215	208	214	224	232	230	249	244	253	259	260	255	258	251	239	214	193	
4	22	184	170	167	167	170	186	195	199	203	210	216	221	232	227	247	255	253	252	255	255	252	240	210	193	
4	23	186	173	169	173	192	210	228	197	198	209	217	223	235	243	243	247	268	268	269	274	273	254	204	190	
4	24	184	182	176	175	178	190	205	210	202	210	215	217	219	220	221	230	239	259	259	263	261	231	207	192	
4	25	185	176	173	172	174	177	199	201	208	201	208	210	210	213	209	215	222	238	243	255	240	226	202	191	
4	26	185	176	179	179	176	179	184	186	201	202	203	202	204	209	221	226	226	227	227	227	227	227	215	204	
4	27	185	181	180	181	186	195	227	209	208	210	213	218	222	232	240	255	257	261	258	240	240	219	204		
4	28	176	170	168	168	171	181	194	197	197	198	203	211	223	239	248	255	265	263	263	254	234	216	205		
4	29	192	181	173	172	176	190	191	196	198	215	230	242	245	258	263	272	263	271	271	264	243	215	196		
4	30	188	181	180	173	173	182	189	197	201	209	223	243	251	275	285	294	297	296	289	290	276	253	228	206	

## 2015 Integrated Resource Planning Actual Data Filing

Month	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
5	1	192	177	173	170	171	179	193	201	208	225	242	261	264	289	303	312	315	312	303	292	280	258	235	212
5	2	203	186	180	181	180	184	193	201	212	224	246	263	277	290	297	300	299	292	285	280	272	255	235	220
5	3	203	185	189	183	179	178	183	196	210	225	240	253	263	272	280	285	288	285	279	276	268	249	227	208
5	4	187	179	173	171	173	185	199	206	214	220	230	239	235	239	247	256	247	232	227	238	242	224	217	182
5	5	175	166	164	164	167	173	189	195	197	200	203	210	217	226	234	238	247	256	259	258	260	256	238	214
5	6	181	172	168	168	172	177	215	218	202	210	217	226	234	241	253	260	265	267	263	263	258	244	215	200
5	7	185	178	171	168	171	208	217	219	211	203	210	218	228	232	238	244	248	249	246	254	250	236	228	195
5	8	187	174	171	169	173	199	220	222	220	197	201	204	211	214	216	219	222	225	225	232	228	223	221	203
5	9	181	168	166	164	164	167	192	180	204	192	188	189	198	200	203	207	207	213	229	230	235	239	231	225
5	10	183	170	167	165	167	171	175	180	190	194	197	203	207	212	219	227	234	245	245	245	243	224	207	193
5	11	179	170	165	165	169	189	192	222	223	204	213	233	244	255	262	270	275	278	276	272	266	245	222	195
5	12	188	174	171	169	171	182	212	217	219	218	229	238	247	251	253	255	257	259	259	251	258	251	233	206
5	13	188	174	171	170	173	184	214	216	217	209	218	225	238	244	265	269	277	261	257	264	261	244	212	193
5	14	189	175	171	169	171	181	218	221	220	213	222	230	233	234	240	245	245	234	232	231	236	234	221	188
5	15	184	170	168	167	170	180	195	200	201	206	207	210	211	213	213	214	216	211	222	221	208	191	179	
5	16	169	164	162	162	163	166	173	180	185	186	187	189	190	192	196	207	213	222	225	232	232	219	193	
5	17	177	164	161	159	162	165	170	176	182	183	191	198	205	214	224	239	239	254	253	247	246	232	206	185
5	18	183	167	163	163	167	181	216	220	219	206	215	224	243	250	258	266	266	258	261	252	259	252	236	209
5	19	180	170	166	167	167	174	219	220	211	204	221	230	239	250	260	270	283	291	290	308	335	317	291	183
5	20	206	196	193	193	196	209	236	221	228	232	245	254	266	284	296	369	372	372	371	364	353	349	251	226
5	21	211	203	194	193	197	208	219	226	234	241	250	259	272	262	271	278	282	306	296	296	281	261	235	223
5	22	211	205	193	191	202	209	217	224	228	230	233	239	246	254	253	276	277	268	271	270	259	251	215	202
5	23	186	171	169	171	172	172	179	186	193	203	207	218	224	233	242	254	255	249	256	254	242	225	203	
5	24	183	178	173	178	177	178	180	199	207	217	224	231	242	252	262	270	277	275	270	326	322	322	250	225
5	25	212	198	190	188	191	197	197	207	219	234	248	256	269	279	288	322	329	330	330	324	317	311	292	266
5	26	223	207	203	200	200	207	220	231	237	255	273	292	306	319	328	341	365	363	354	365	374	311	274	231
5	27	226	217	204	202	207	211	222	233	240	255	276	296	314	329	337	347	356	372	364	351	334	332	281	254
5	28	231	214	209	206	208	214	228	239	244	266	284	309	331	351	361	367	385	385	383	390	371	329	296	274
5	29	244	227	220	215	221	226	236	254	281	309	336	351	366	372	389	396	396	395	392	370	356	300	279	
5	30	251	235	222	217	214	214	221	234	258	293	323	350	386	399	401	406	412	411	405	400	390	373	311	289
5	31	256	234	236	231	227	228	244	265	306	333	358	393	397	410	408	405	403	397	390	384	351	314	289	

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
6	1	271	252	235	225	232	237	235	259	289	322	361	405	413	442	448	451	463	460	455	441	409	366	332	297
6	2	272	254	242	234	234	238	230	258	272	301	333	366	391	414	437	459	479	440	452	411	380	380	328	293
6	3	266	250	239	232	232	236	231	246	268	296	324	353	378	402	420	451	446	464	448	407	401	354	325	291
6	4	266	249	238	232	232	233	238	230	244	266	289	318	343	365	380	386	383	374	366	352	343	332	318	299
6	5	255	244	238	234	237	237	240	231	245	259	278	297	314	329	343	358	398	407	374	371	356	360	355	318
6	6	257	244	234	226	224	223	212	233	260	290	320	345	366	386	401	424	433	436	419	387	365	335	386	306
6	7	262	247	234	226	222	218	207	224	252	287	321	354	389	443	446	460	467	465	444	431	418	407	346	316
6	8	268	252	241	235	235	241	235	257	282	310	374	412	437	446	448	457	459	453	434	420	407	386	381	310
6	9	306	270	260	255	254	261	255	269	284	334	334	358	396	400	408	416	419	419	410	405	399	392	314	283
6	10	262	251	243	239	239	244	240	263	291	321	371	406	412	434	444	454	460	461	450	436	422	405	346	307
6	11	281	263	251	245	244	248	243	265	295	335	376	395	417	430	440	454	459	454	447	433	421	402	335	299
6	12	273	257	244	240	239	241	235	258	287	321	354	387	406	426	450	452	455	452	434	408	399	380	349	314
6	13	288	272	259	250	246	245	233	255	288	324	361	414	421	435	448	458	474	442	431	406	396	380	358	320
6	14	293	276	261	252	247	244	236	261	296	334	371	421	443	477	496	513	521	521	506	478	462	418	381	341
6	15	313	293	277	268	263	266	266	296	331	387	419	452	476	495	503	509	501	489	479	462	444	422	398	356
6	16	325	305	286	276	273	275	277	304	365	380	416	445	465	482	491	489	476	468	456	440	416	404	386	340
6	17	335	300	283	271	266	269	271	300	352	390	424	467	473	496	502	504	503	498	487	480	468	452	434	405
6	18	334	311	292	282	277	280	279	309	383	422	455	483	490	487	482	481	485	485	486	475	442	433	436	370
6	19	333	311	296	285	278	278	275	308	370	401	438	460	471	486	480	488	487	486	490	479	443	430	441	373
6	20	331	305	286	274	265	261	254	285	343	406	439	466	476	485	496	491	495	496	492	477	439	418	440	399
6	21	344	327	311	297	288	283	277	310	352	401	435	439	465	493	509	510	509	510	508	492	461	445	433	371
6	22	340	318	302	293	289	291	297	348	402	414	446	459	465	489	488	493	496	491	477	471	451	420	371	332
6	23	373	349	333	323	320	323	333	348	377	407	441	449	454	483	487	484	488	484	481	471	447	441	441	397
6	24	342	319	303	295	295	308	299	339	398	420	458	466	477	502	512	485	466	461	485	486	468	447	441	392
6	25	339	317	304	296	291	303	309	363	405	410	440	468	480	491	471	472	456	439	445	439	430	430	373	332
6	26	328	311	297	290	285	292	290	351	370	400	431	469	488	503	509	509	503	495	476	466	460	445	406	369
6	27	341	320	305	294	299	280	285	355	405	416	445	472	491	504	508	510	509	510	508	492	461	445	433	371
6	28	340	315	304	297	292	281	308	356	411	438	473	500	504	482	459	452	451	439	423	407	392	389	358	334
6	29	330	298	289	285	288	317	350	399	386	432	475	489	493	516	517	507	478	452	436	424	405	403	377	334
6	30	385	367	348	338	310	314	331	339	387	402	433	466	494	489	488	503	503	490	458	435	420	402	397	389

## 2015 Integrated Resource Planning Actual Data Filing

Month	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
7	1	358	316	299	288	288	289	290	315	352	398	405	414	430	446	450	448	449	439	423	406	396	395	402	389
7	2	324	308	297	291	290	292	289	359	398	406	431	436	440	464	486	495	498	492	482	458	435	408	420	421
7	3	388	360	336	318	311	312	294	313	378	394	408	412	425	442	464	487	496	495	475	445	422	403	412	412
7	4	369	342	322	308	304	304	290	306	332	365	393	421	408	421	436	458	464	463	448	436	420	399	397	378
7	5	338	318	301	292	287	281	266	283	308	337	372	402	417	425	430	434	434	425	396	385	384	352	350	319
7	6	282	270	260	255	256	262	259	285	316	361	406	403	398	421	428	435	423	414	400	383	389	409	392	362
7	7	325	282	272	264	263	267	272	300	342	391	407	430	442	463	478	485	490	491	482	457	436	399	399	353
7	8	314	290	277	268	265	267	265	307	349	372	416	437	457	471	485	502	509	509	491	462	439	416	385	376
7	9	317	301	288	279	278	286	285	316	350	376	380	398	412	419	428	435	427	427	415	398	386	361	359	319
7	10	284	273	265	259	257	260	256	278	305	332	357	380	398	410	421	437	441	446	443	424	425	412	355	324
7	11	298	282	268	258	254	254	246	269	304	341	416	434	444	466	479	491	494	493	482	464	446	427	406	354
7	12	304	287	272	262	257	254	242	270	309	350	389	453	478	500	489	479	466	454	428	411	418	412	363	306
7	13	281	267	258	252	254	262	265	293	326	372	410	427	454	482	499	500	489	474	450	428	402	371	365	319
7	14	293	279	266	257	256	260	321	314	310	361	380	412	443	473	491	489	481	469	448	422	402	379	368	338
7	15	294	277	265	258	258	262	259	277	291	314	364	399	417	440	456	473	480	471	461	440	427	392	393	339
7	16	300	286	273	263	261	262	262	289	330	363	410	430	455	454	443	455	450	436	438	442	419	396	387	346
7	17	313	294	277	267	267	275	269	286	310	342	357	400	409	433	439	448	444	443	426	411	406	378	355	316
7	18	284	269	253	254	250	255	243	269	303	351	397	411	415	412	367	346	392	329	324	323	339	323	316	278
7	19	258	248	240	234	234	236	224	244	273	304	346	389	412	427	433	441	445	446	437	421	411	405	381	333
7	20	286	272	255	255	262	262	288	324	365	405	426	447	460	465	443	464	469	484	450	440	405	385	342	
7	21	300	284	271	264	263	268	267	300	343	385	410	441	463	483	502	515	515	509	492	464	438	407	409	384
7	22	315	299	285	276	275	287	289	316	352	382	404	422	450	457	467	472	465	463	448	428	414	406	391	356
7	23	306	293	282	274	274	284	280	308	323	337	368	381	398	416	432	441	434	425	410	395	385	350	355	313
7	24	282	268	256	252	253	258	251	283	320	360	389	400	432	457	477	480	494	497	469	437	424	405	407	358
7	25	304	290	278	264	260	259	246	273	323	375	410	419	432	452	470	490	497	499	485	451	420	393	390	344
7	26	297	279	266	256	252	250	236	260	298	335	383	410	441	448	461	468	462	449	445	410	413	398	344	
7	27	313	296	283	274	280	275	297	326	371	397	439	433	435	456	474	478	472	452	435	420	422	408	353	
7	28	319	301	287	278	280	288	276	301	334	414	409	447	457	464	474	471	458	437	416	408	406	382	382	
7	29	306	293	283	279	291	308	284	299	323	353	389	407	421	435	444	447	444	436	422	413	354	355	320	
7	30	298	286	276	267	274	272	290	324	364	386	394	399	425	451	459	440	431	396	375	384	376	359	340	
7	31	299	284	273	265	264	279	262	342	334	370	393	396	402	427	438	441	437	402	375	354	333	316	329	326

## 2015 Integrated Resource Planning Actual Data Filing

Man	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
8	1	292	277	265	257	254	258	264	272	296	325	350	374	389	369	354	359	366	348	354	342	302	305	329	317
8	2	291	269	255	243	240	242	238	258	288	357	365	406	436	443	443	450	453	435	406	373	378	403	394	
8	3	290	269	255	247	247	255	259	285	322	391	402	440	465	463	468	472	475	465	457	421	389	378	382	393
8	4	326	299	278	264	261	269	277	318	363	399	432	459	470	477	486	489	490	486	481	466	432	411	432	398
8	5	354	322	300	288	284	288	283	333	360	390	432	447	460	493	504	507	507	508	505	493	480	445	442	413
8	6	390	360	335	322	320	339	331	352	353	394	407	425	448	447	461	469	464	467	446	427	413	420	437	397
8	7	352	330	319	310	301	313	328	346	369	404	431	446	434	436	445	452	449	439	424	408	405	417	390	345
8	8	311	289	276	266	262	263	247	268	310	358	399	424	405	421	434	435	425	407	395	399	418	412	361	326
8	9	296	274	262	254	252	252	237	264	304	363	410	420	429	442	444	437	432	420	402	369	400	416	347	305
8	10	278	266	256	251	252	257	266	316	362	405	415	405	413	432	447	458	453	443	421	405	393	381	391	361
8	11	305	289	278	272	303	320	287	299	309	329	349	357	380	413	423	431	441	437	400	377	345	309	312	302
8	12	342	278	273	271	271	282	328	310	344	359	396	416	439	443	463	474	473	462	435	416	395	345	345	334
8	13	307	289	278	271	270	280	279	305	337	394	433	450	457	485	504	515	511	494	480	457	428	392	406	394
8	14	380	343	323	310	307	314	330	361	404	437	461	473	509	529	511	511	504	495	484	460	431	394	419	410
8	15	378	332	315	304	298	299	286	321	370	432	467	493	523	496	501	503	508	506	509	497	451	412	408	407
8	16	405	363	334	323	316	313	296	329	394	430	442	470	491	504	497	496	499	499	490	472	449	415	420	380
8	17	399	367	349	336	335	346	364	374	418	429	442	464	485	503	515	511	506	499	495	483	457	418	421	410
8	18	381	337	321	311	309	322	325	353	393	399	415	416	447	473	494	503	504	501	489	470	439	409	395	361
8	19	362	339	307	297	294	309	297	322	352	386	411	418	452	467	491	502	500	492	483	465	454	450	432	366
8	20	373	317	305	297	296	330	303	328	363	403	427	477	506	508	505	494	474	463	453	441	422	394	373	355
8	21	320	306	294	288	288	297	295	321	358	393	426	453	480	501	507	522	530	521	500	478	449	417	401	370
8	22	344	324	309	309	300	295	296	314	355	393	431	450	467	483	483	477	460	448	429	415	393	367	351	326
8	23	304	289	279	270	265	264	248	273	309	351	390	427	460	484	508	528	535	523	491	461	424	386	363	330
8	24	304	287	276	271	272	284	283	313	350	373	406	438	472	504	526	544	549	538	519	494	456	411	384	349
8	25	321	301	291	285	284	299	296	309	326	362	374	402	441	460	444	433	418	406	391	390	368	342	336	303
8	26	282	270	263	260	262	275	272	289	323	363	374	408	420	421	442	439	426	410	390	376	374	366	358	326
8	27	295	281	273	269	271	285	282	298	324	377	387	393	402	428	448	457	456	445	420	401	387	379	394	366
8	28	302	286	274	268	267	276	272	293	321	381	392	406	418	448	463	479	483	476	452	421	410	399	388	366
8	29	316	296	283	275	272	273	258	286	329	380	426	442	455	480	484	487	474	437	405	384	380	377	363	352
8	30	312	293	279	269	266	264	266	277	315	358	402	414	471	475	477	447	431	412	436	386	368	369	327	300
8	31	297	273	258	253	254	268	263	284	316	353	398	408	455	457	467	453	442	419	429	413	373	377	337	300

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
9	1	296	279	266	260	263	272	286	298	321	351	384	413	441	466	483	498	498	485	454	446	434	399	359	320	
9	2	292	278	269	267	269	279	295	309	331	361	392	424	451	458	460	454	446	429	420	394	362	323	291		
9	3	269	254	246	242	244	257	269	283	299	322	352	378	395	405	399	389	379	371	362	360	342	317	287	266	
9	4	250	237	229	227	231	243	255	267	284	304	367	385	368	377	383	375	366	361	352	348	344	321	286	265	
9	5	247	235	225	220	220	224	230	244	266	287	300	309	323	338	349	359	369	359	356	353	317	280	255		
9	6	237	224	213	206	204	210	214	230	260	293	332	367	404	425	446	460	465	459	437	413	396	380	316	286	
9	7	263	248	238	230	229	232	238	261	296	341	403	431	452	474	493	505	505	500	478	464	435	405	396	314	
9	8	287	271	260	253	252	265	285	304	329	370	402	422	432	439	445	443	444	441	433	427	406	387	334	296	
9	9	271	258	248	244	247	257	276	292	312	348	378	376	378	395	397	417	417	412	400	397	380	376	388	334	
9	10	287	273	263	260	259	275	294	306	331	348	372	367	376	387	399	406	409	408	394	395	376	359	301	272	
9	11	252	241	233	229	232	244	260	273	292	322	348	377	378	403	423	441	447	434	426	404	411	385	402	348	310
9	12	280	263	252	244	240	243	247	266	300	339	393	442	440	447	445	454	447	447	426	404	408	396	400	371	320
9	13	278	260	246	238	235	237	243	263	295	348	373	422	442	464	476	471	449	433	423	416	403	354	316	286	
9	14	267	255	249	246	246	256	271	284	306	348	392	413	418	441	454	453	455	444	441	435	420	382	324	294	
9	15	273	259	251	246	246	258	282	297	318	355	392	415	429	439	447	452	449	442	435	433	394	367	319	278	
9	16	252	240	232	228	229	257	262	276	294	321	349	372	394	411	426	437	443	439	416	402	374	343	323	285	
9	17	249	235	225	221	223	246	252	265	285	312	347	373	399	420	438	454	459	452	428	412	381	347	306	277	
9	18	250	235	224	220	221	233	245	255	276	301	361	408	441	457	467	470	465	450	435	422	412	377	339	283	
9	19	250	234	224	219	216	220	227	244	267	307	354	379	392	413	414	400	419	418	404	375	401	390	302	259	
9	20	234	219	210	204	202	208	222	247	278	310	343	376	427	432	435	437	453	429	429	417	389	366	295		
9	21	243	230	221	217	219	234	254	262	271	281	282	277	276	309	306	331	347	348	338	343	318	292	267	233	
9	22	219	211	206	206	209	211	214	221	243	252	260	276	290	340	380	348	356	362	364	353	342	320	277	241	
9	23	216	204	197	192	194	207	223	230	245	271	307	337	385	400	411	424	429	429	413	411	367	335	273	243	
9	24	223	210	202	198	199	211	227	237	254	279	345	394	393	422	432	431	413	407	403	399	352	325	270		
9	25	234	219	210	205	206	218	232	268	292	319	387	395	409	426	439	450	437	408	401	396	395	393	308	270	
9	26	240	224	213	207	205	208	216	232	261	296	358	394	418	433	445	455	448	414	398	381	352	317	299	262	
9	27	235	219	209	201	199	202	208	220	248	282	319	360	404	437	447	463	466	449	396	399	357	337	304	257	
9	28	234	221	211	207	210	222	240	251	273	303	365	406	421	443	463	475	456	422	422	410	393	367	313	270	
9	29	241	226	216	211	211	223	247	257	280	315	354	384	410	437	456	475	481	472	443	417	378	367	314	272	
9	30	239	225	215	211	211	225	249	257	278	298	341	380	415	446	472	489	495	483	454	427	398	347	310	266	

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
10	1	245	230	221	215	216	227	251	259	268	296	359	399	423	434	425	421	416	418	394	392	362	294	270		
10	2	240	225	213	207	207	220	235	242	265	293	337	375	373	397	414	422	422	405	386	366	363	328	279	251	
10	3	229	215	204	199	197	204	211	219	239	264	288	314	338	361	381	391	384	369	359	341	336	307	265	242	
10	4	223	211	202	199	200	206	212	222	246	273	294	311	335	340	344	347	347	341	397	395	332	301	259	228	
10	5	211	201	195	193	196	207	225	231	244	261	260	268	280	289	291	313	294	321	379	374	283	259	228	209	
10	6	196	188	184	184	188	200	247	271	225	232	242	252	290	284	273	275	309	313	367	367	278	295	219	199	
10	7	187	179	176	176	180	180	230	222	214	219	226	236	263	256	258	292	293	307	369	368	311	244	217	198	
10	8	186	178	174	173	176	192	211	212	216	222	232	250	265	311	308	323	335	339	368	358	322	290	236	215	
10	9	200	192	187	185	190	203	220	228	256	269	284	303	353	369	377	380	381	383	379	349	323	255	231	209	
10	10	215	204	197	193	194	201	211	235	250	256	286	315	365	386	396	399	397	394	389	386	357	328	254	230	
10	11	213	201	193	188	187	191	194	199	219	243	271	302	356	398	415	414	414	412	406	400	368	332	291	238	
10	12	215	203	194	192	194	204	220	230	245	265	287	315	342	375	403	407	410	405	402	396	386	351	271	239	
10	13	220	207	200	196	198	211	228	239	259	271	309	343	372	386	390	395	396	387	386	385	385	303	270	238	
10	14	220	207	199	197	198	211	228	233	245	270	308	329	348	386	398	392	386	374	370	355	352	356	278	241	
10	15	220	207	197	200	215	234	238	245	264	286	326	336	342	344	330	365	365	365	364	364	357	281	253	229	
10	16	212	202	197	194	196	220	217	223	234	250	325	344	365	340	345	341	306	316	317	299	289	286	250	231	
10	17	202	192	186	183	182	190	202	211	225	235	293	317	329	333	343	359	364	379	377	358	350	252	242	223	
10	18	193	183	178	175	180	189	196	210	224	242	260	288	303	322	328	382	386	386	371	288	260	225	203	188	
10	19	187	179	174	173	177	207	307	319	283	232	253	275	293	321	317	320	388	390	388	385	332	258	223	201	
10	20	185	177	173	171	172	187	219	231	216	220	227	233	254	296	271	267	261	370	371	369	350	332	207	189	
10	21	174	170	168	167	172	187	208	206	207	208	212	221	226	232	238	255	365	364	364	361	361	229	204	188	
10	22	173	167	164	164	169	185	251	250	230	201	205	211	216	225	235	241	249	321	349	365	283	229	204	185	
10	23	173	166	165	164	169	185	205	208	204	209	214	220	228	241	250	259	276	342	331	260	231	211	192	171	
10	24	180	174	170	168	170	179	190	196	200	206	212	219	227	238	251	262	277	277	364	342	311	232	211	194	171
10	25	181	174	170	167	168	174	181	185	193	202	211	220	232	245	255	260	264	275	353	279	263	238	213	191	171
10	26	178	171	167	166	171	186	207	210	214	224	239	277	295	313	322	333	379	382	375	342	241	224	200	183	162
10	27	180	173	168	167	172	188	259	258	206	208	212	222	235	247	276	284	287	348	350	347	329	239	211	190	162
10	28	178	172	168	168	173	189	212	213	213	215	214	218	224	244	246	251	308	360	323	308	238	213	192	162	
10	29	180	175	172	172	177	193	214	216	218	219	225	244	226	232	234	240	250	343	342	241	224	200	183	162	
10	30	172	167	166	164	170	186	207	248	214	214	212	207	208	207	206	209	219	233	303	297	230	218	200	185	162
10	31	174	168	165	164	167	177	191	197	199	200	201	203	207	216	225	234	317	342	342	231	214	198	172	162	

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
11	1	172	164	163	164	167	173	184	189	190	191	191	195	202	211	221	234	245	258	265	257	243	223	201	183	
11	2	172	166	162	165	172	189	213	222	205	201	202	206	214	223	234	245	266	322	365	363	338	236	209	190	
11	3	178	171	168	167	172	186	208	206	201	198	200	203	207	210	216	235	287	304	369	368	363	231	209	186	
11	4	175	169	166	166	172	189	213	215	214	214	212	207	207	202	202	206	213	357	365	365	344	225	204	187	
11	5	179	175	174	176	184	203	229	250	220	208	202	197	194	193	195	201	210	235	334	333	325	310	209	194	
11	6	184	180	179	183	192	211	237	239	225	212	204	199	195	194	196	201	210	231	348	345	337	276	208	194	
11	7	185	180	178	180	185	198	214	218	212	205	199	196	193	192	194	200	211	231	343	338	353	270	203	192	
11	8	182	176	175	174	178	185	200	206	202	198	197	197	198	202	211	224	251	361	352	341	250	203	187		
11	9	177	173	172	175	184	203	231	258	219	208	201	200	200	200	203	210	222	283	349	344	284	269	246	187	
11	10	177	173	172	174	183	202	255	307	295	209	205	204	204	203	204	208	220	293	364	360	361	307	261	196	
11	11	187	183	183	187	196	211	233	255	230	220	212	207	207	202	199	199	204	218	324	363	368	365	322	251	212
11	12	204	201	201	206	217	238	286	357	336	227	214	207	207	201	199	199	206	219	322	365	363	356	316	243	203
11	13	196	192	192	195	206	225	307	363	236	221	211	204	199	198	199	205	216	239	365	365	364	255	238	198	
11	14	190	185	184	186	193	206	224	232	226	215	207	203	202	202	204	209	217	236	365	365	364	246	230	192	
11	15	182	176	174	173	177	184	198	212	218	221	222	219	221	222	222	230	251	255	255	245	229	208	191		
11	16	179	175	173	175	184	202	228	239	238	240	243	239	235	230	224	228	244	344	373	374	363	291	263	222	
11	17	214	210	214	224	247	274	308	286	239	225	216	210	204	203	208	230	284	283	314	308	286	248	216		
11	18	209	206	211	223	247	275	302	269	230	214	205	199	196	195	200	215	310	366	367	286	246	223	210		
11	19	203	200	202	207	219	239	267	302	275	223	211	203	197	194	193	198	244	287	365	354	247	232	211	197	
11	20	189	184	185	190	204	224	275	304	239	215	205	197	195	194	197	203	215	263	365	365	364	251	209	196	
11	21	187	182	180	182	189	201	219	229	223	215	208	204	200	199	200	206	216	264	365	327	319	226	209	196	
11	22	189	185	184	184	184	189	200	215	226	214	206	200	198	197	199	207	220	246	302	258	249	236	215	198	
11	23	187	183	182	186	196	216	243	365	278	221	211	205	201	200	199	201	207	221	261	365	365	365	248	237	204
11	24	188	184	184	188	199	221	247	312	311	220	210	203	199	199	199	201	207	221	263	325	359	355	302	258	226
11	25	183	180	181	188	204	261	304	334	232	227	224	222	218	222	229	266	365	365	365	365	365	364	294	213	202
11	26	191	185	182	181	185	194	209	229	245	240	231	219	211	207	208	222	274	368	367	364	294	213	202		
11	27	194	188	188	192	200	213	228	242	241	232	223	215	205	205	206	218	263	276	276	278	259	234	221		
11	28	212	207	211	218	231	249	266	257	242	229	219	209	203	202	205	205	219	325	359	355	302	258	239	226	
11	29	219	216	215	217	225	236	254	275	264	246	230	219	211	207	206	209	226	360	373	375	370	308	274	230	
11	30	223	222	224	230	245	230	323	262	243	230	220	211	208	212	230	330	330	337	331	311	324	293	240		

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
12	1	234	232	235	242	261	296	379	380	369	258	238	224	214	208	204	209	227	269	345	350	367	352	273	310	
12	2	232	230	231	237	250	275	383	380	285	254	233	219	209	203	201	205	222	263	350	349	344	270	247	230	
12	3	228	220	222	228	256	277	304	300	273	250	229	217	207	201	200	207	219	259	274	276	273	263	246	236	
12	4	221	211	213	218	231	254	282	287	269	246	231	220	214	211	212	216	229	258	266	264	264	256	238	227	
12	5	221	209	208	211	218	234	254	271	269	246	255	219	209	205	205	210	221	260	267	268	268	261	243	218	
12	6	207	203	206	213	226	247	267	265	244	229	218	209	207	209	214	227	261	276	274	266	250	229	208		
12	7	198	195	200	212	236	269	276	266	252	236	224	215	209	207	211	225	267	290	288	281	264	238	219		
12	8	211	209	209	214	225	249	281	315	289	243	228	214	206	204	205	210	222	260	372	372	326	258	232	214	
12	9	205	202	203	208	220	244	274	277	259	240	227	216	211	208	209	216	227	261	274	273	266	251	228	209	
12	10	201	197	198	202	213	237	269	273	254	233	218	209	205	205	206	211	222	254	369	369	334	245	221	202	
12	11	191	189	189	191	200	221	248	254	249	239	228	222	215	214	212	220	231	262	367	318	256	244	274	207	
12	12	196	191	191	194	202	215	234	249	255	252	244	233	239	240	246	246	259	299	299	376	349	291	279	253	
12	13	227	223	223	227	234	246	269	285	279	257	241	227	217	211	210	215	232	271	295	298	290	275	251	232	
12	14	221	217	218	221	234	261	297	368	354	355	279	272	266	263	266	275	295	337	374	374	349	328	294	259	
12	15	250	248	252	257	270	298	389	387	378	285	265	246	235	227	224	228	246	311	387	390	390	384	307	298	
12	16	274	265	267	273	288	314	382	398	381	294	270	252	236	227	224	230	250	314	387	390	390	385	374	362	
12	17	278	277	280	291	311	346	402	400	383	311	276	255	238	228	222	225	253	374	379	387	386	381	353	356	
12	18	261	258	259	259	271	309	384	381	376	283	259	241	227	217	213	217	231	368	372	366	364	339	317	271	
12	19	236	232	232	235	242	256	276	351	363	296	278	262	251	244	245	248	255	366	346	346	346	341	329	302	
12	20	223	215	212	213	219	230	249	267	267	249	235	224	217	213	214	220	235	275	300	301	295	281	254	237	
12	21	227	225	227	232	245	270	305	315	294	277	261	244	230	219	213	217	234	274	321	315	310	286	256	236	
12	22	224	219	218	222	232	249	288	296	293	281	270	259	250	248	245	249	262	341	369	369	346	328	295	229	
12	23	216	209	207	208	217	233	255	290	264	251	240	231	222	217	214	216	231	277	372	340	273	263	243	224	
12	24	210	204	201	203	211	225	244	258	261	251	240	231	225	219	219	230	250	282	282	282	262	258	244	229	
12	25	220	216	214	213	218	229	245	261	256	244	234	225	217	211	207	209	220	248	267	269	269	254	251	238	
12	26	230	227	228	231	239	253	273	290	296	287	277	266	258	253	253	261	280	334	383	374	354	350	299	281	
12	27	271	267	267	270	277	288	306	320	314	295	277	263	251	240	236	235	253	290	318	320	315	305	284	266	
12	28	259	256	259	264	275	295	333	353	336	296	275	257	242	234	228	231	266	370	357	360	330	333	337	259	
12	29	286	255	257	263	276	297	329	351	356	323	310	291	264	249	242	245	262	316	363	377	374	359	338	332	
12	30	326	304	276	285	305	352	358	390	372	321	289	259	242	228	222	223	239	296	335	341	339	327	330	291	
12	31	273	261	263	270	307	330	328	350	354	324	297	265	248	236	226	229	234	249	298	337	332	313	302	287	269

## 2015 Integrated Resource Planning Actual Data Filing

### R14-2-703. Load-serving Entity Reporting Requirements

**A.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of demand-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

1. Hourly demand for the previous calendar year, disaggregated by:
  - c. Energy losses; and

---

AEPCO's 2015 hourly energy losses were estimated by applying a network energy loss rate of 2.37% to the hourly network loads from Section A-1.b. The system transmission loss factor is 2.31% measured at the generator and 2.37% measured at the transmission output. The data reported in the tables in Section A-1.b is measured at the transmission output.

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
1	1	7.5	7.4	6.8	6.6	6.7	7.7	8.1	8.5	8.2	8.2	7.6	8.1	7.8	7.5	7.4	7.5	7.1	8.2	8.4	8.6	8.6	8.2	8.2	7.4				
1	2	6.1	6.0	6.1	6.2	6.3	6.6	7.6	8.1	8.2	8.2	7.7	7.6	7.0	7.3	7.2	7.1	7.5	8.6	8.6	8.4	8.2	7.9	7.9	7.6				
1	3	6.2	6.3	6.3	6.5	6.7	8.3	8.4	8.2	8.2	8.2	6.7	6.4	7.2	5.8	5.7	5.6	7.8	8.3	8.6	8.6	8.5	8.3	8.3	7.9	7.9			
1	4	6.7	6.4	6.1	6.1	6.2	6.5	8.3	8.5	8.3	8.1	6.3	6.0	5.8	5.4	5.3	5.3	5.5	7.2	8.4	8.4	8.4	8.3	8.0	8.0	7.3			
1	5	6.2	5.4	5.4	5.5	5.8	6.3	8.3	8.3	8.2	8.2	7.7	6.1	5.5	5.1	4.9	5.1	6.1	8.3	8.4	8.5	8.5	8.3	7.9	7.9	6.4			
1	6	5.3	4.9	5.0	5.1	5.8	6.0	8.2	8.6	8.5	8.3	8.1	8.0	7.7	7.9	6.3	7.4	7.6	8.2	8.4	8.5	8.5	8.4	8.3	7.0	7.0			
1	7	4.8	4.7	4.8	4.9	5.2	5.7	7.0	8.6	8.2	7.2	6.7	5.3	5.2	5.0	4.9	5.0	6.4	7.6	8.4	8.5	8.5	7.9	7.9	7.0	6.1			
1	8	4.6	4.6	4.4	4.4	4.7	5.2	7.0	8.4	8.2	6.8	5.8	5.7	5.7	5.7	5.7	5.7	6.1	8.5	8.6	8.6	8.6	8.2	7.7	7.7	5.2			
1	9	4.7	4.6	4.6	4.7	4.8	7.9	8.0	8.1	8.1	8.1	6.2	5.6	5.4	4.9	4.8	4.8	4.9	6.0	8.3	8.3	7.8	6.6	6.1	5.4	5.4			
1	10	4.6	4.5	4.5	4.6	4.7	5.1	7.5	7.7	5.7	5.5	5.5	5.2	5.0	4.9	4.8	4.8	5.1	6.1	8.4	8.4	7.2	7.0	6.6	5.2	5.2			
1	11	4.6	4.5	4.4	4.4	4.5	4.9	5.6	5.5	5.6	5.6	5.6	5.3	5.0	5.0	4.9	4.9	4.9	5.1	6.8	8.5	8.5	8.5	7.9	7.4	6.8	5.7		
1	12	5.2	4.2	4.2	4.2	4.4	4.8	5.9	5.9	5.9	7.3	5.8	5.8	5.3	5.2	5.1	5.1	5.0	5.3	6.5	8.4	8.3	8.2	7.8	5.9	5.4	5.4		
1	13	5.1	4.3	4.3	4.4	4.5	5.1	7.6	8.5	8.3	7.1	5.5	5.0	4.9	4.7	4.6	4.7	7.6	8.3	8.5	8.5	8.5	8.4	7.8	7.8	5.4			
1	14	4.6	5.0	4.7	4.8	4.9	5.6	8.1	8.5	8.5	8.0	5.9	5.0	4.9	4.9	4.9	5.0	5.2	8.2	8.4	8.4	8.4	8.2	6.8	6.8	5.3			
1	15	4.8	4.7	4.9	5.0	5.2	5.8	8.5	8.6	8.6	8.6	6.0	5.7	5.5	5.1	4.9	4.8	4.9	4.9	5.9	8.5	8.5	8.5	8.2	5.9	4.9	4.9		
1	16	4.7	4.6	4.7	4.7	5.1	6.8	8.3	8.5	8.5	8.1	5.7	5.2	5.1	5.0	4.9	4.9	4.9	5.6	6.6	7.2	7.3	7.2	6.5	7.1	5.2	5.2		
1	17	4.9	4.8	4.9	5.0	5.2	5.8	8.2	8.6	8.4	7.9	7.2	5.2	4.9	4.8	4.6	4.6	4.7	7.0	8.5	8.5	8.5	8.4	8.4	6.8	6.8	4.7		
1	18	4.5	4.6	4.5	4.6	4.8	5.1	5.4	8.2	6.1	5.7	5.4	5.0	4.9	4.7	4.6	4.7	4.8	6.3	7.3	6.7	6.8	6.5	6.3	4.8	4.8	4.8		
1	19	4.4	4.3	4.3	4.4	4.6	5.0	5.6	8.5	7.7	5.8	5.5	5.3	5.0	4.7	4.6	4.6	4.6	5.4	6.0	8.6	8.6	8.6	8.2	6.1	6.8	5.0		
1	20	4.4	4.3	4.4	4.5	4.7	5.3	7.9	8.6	8.4	8.5	5.9	5.5	5.0	4.8	4.8	4.8	4.8	5.6	7.3	8.6	8.6	8.6	8.2	6.2	5.8	5.4		
1	21	4.6	4.3	4.3	4.4	4.6	5.0	8.2	8.5	6.1	5.6	5.2	5.0	4.8	4.7	4.6	4.8	5.1	7.2	8.5	8.5	8.5	7.6	5.8	5.4	5.4	5.4		
1	22	4.6	4.5	4.5	4.6	5.0	5.5	7.7	8.4	7.7	8.4	6.3	5.5	5.1	5.0	4.9	4.9	5.2	7.0	8.6	8.6	8.6	8.5	7.0	6.7	6.7	6.7		
1	23	5.1	5.0	5.4	5.4	5.2	5.4	6.3	7.6	8.6	8.5	8.1	6.2	5.7	5.3	5.1	4.9	4.9	4.9	5.2	7.0	8.6	8.6	8.6	8.1	6.4	6.0	6.0	
1	24	5.3	5.1	5.1	5.2	5.4	6.3	7.6	8.6	8.5	8.6	8.2	7.1	5.4	5.1	4.8	4.8	4.9	5.2	7.0	8.3	8.5	8.5	7.0	7.1	5.6	5.6	5.6	
1	25	5.0	4.8	4.8	4.5	4.6	4.8	5.0	5.9	6.0	5.8	5.5	5.4	5.3	5.1	4.9	4.9	4.9	5.1	8.4	8.6	8.6	8.6	8.4	6.3	6.3	5.4	5.4	
1	26	4.3	4.2	4.2	4.3	4.4	4.6	4.9	7.9	7.9	6.6	7.7	7.0	5.5	5.4	5.2	5.2	5.2	5.3	6.3	8.6	8.6	8.4	8.5	5.9	6.3	6.3	5.4	
1	27	4.3	4.3	4.4	4.4	4.6	5.0	7.7	8.4	8.7	5.5	6.1	5.3	5.8	4.7	4.5	4.5	4.8	7.6	8.2	8.1	7.9	7.3	4.9	4.9	4.9	4.9	4.9	
1	28	4.8	4.2	4.3	4.3	4.6	5.0	8.0	8.2	7.1	5.4	5.0	4.6	4.6	4.5	4.5	4.6	4.7	5.2	8.5	8.4	8.4	8.4	8.3	4.8	4.8	4.8	4.8	
1	29	4.1	4.0	4.0	4.2	4.2	4.6	4.6	8.3	8.3	6.6	5.3	5.2	5.1	5.0	5.0	4.9	4.9	5.4	8.3	8.6	8.6	8.5	8.2	8.1	4.5	4.5	4.5	
1	30	4.4	4.2	4.1	4.1	4.4	4.4	5.4	7.3	8.3	8.0	8.1	8.0	8.0	7.7	7.8	7.8	7.7	8.1	8.6	8.5	8.0	8.0	7.5	4.8	4.8	4.8	4.8	4.8
1	31	4.5	4.4	4.2	4.2	4.4	4.8	5.2	5.8	5.6	5.5	5.5	5.4	5.4	5.2	5.3	5.3	5.5	7.4	7.7	8.5	8.4	8.4	8.4	8.4	8.4	4.8	4.8	4.8

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
2	1	4.5	4.4	4.3	4.4	4.5	4.8	5.2	5.5	5.6	5.4	5.2	5.1	4.9	4.8	4.7	4.8	6.3	7.8	8.5	8.3	6.6	4.9	4.5		
2	2	4.2	4.2	4.2	4.2	4.3	5.3	6.3	8.3	8.4	8.3	6.1	5.0	4.2	4.2	4.3	4.3	4.4	6.2	7.4	7.4	8.3	8.2	6.2	4.4	
2	3	4.3	4.3	4.4	4.6	5.1	8.2	8.5	5.5	6.3	4.8	4.5	4.4	4.3	4.3	4.4	4.6	7.4	8.5	8.5	8.3	7.4	7.2	4.3		
2	4	4.2	4.2	4.2	4.3	4.4	4.9	6.0	8.3	8.1	7.0	4.9	4.6	4.5	4.4	4.3	4.3	4.6	6.7	8.4	8.5	8.4	5.9	5.4	4.4	
2	5	4.2	4.1	4.1	4.2	4.5	5.0	5.7	8.3	6.7	5.1	4.8	4.6	4.5	4.4	4.4	4.5	4.7	6.1	8.3	8.4	8.2	5.8	5.2	4.3	
2	6	4.0	3.9	3.9	4.0	4.3	4.8	6.6	7.5	5.9	5.0	4.6	4.5	4.4	4.4	4.5	4.6	4.7	4.9	7.2	7.1	6.7	4.9	4.5	4.2	
2	7	4.1	4.0	3.9	4.0	4.1	4.4	4.7	5.0	5.0	5.0	4.9	4.7	4.6	4.6	4.6	4.7	4.9	6.3	6.4	6.3	5.1	4.8	4.4		
2	8	4.1	3.9	3.9	3.9	4.0	4.4	4.8	5.0	4.9	4.8	4.7	4.6	4.5	4.6	4.7	4.8	5.1	6.7	7.3	6.6	5.2	4.7	4.3		
2	9	4.0	3.9	3.9	3.9	4.1	4.7	5.4	5.6	5.0	4.7	4.5	4.6	4.4	4.4	4.5	4.8	5.3	7.0	8.5	8.4	8.5	5.4	5.2	4.2	
2	10	4.0	3.9	3.8	3.9	4.1	4.5	5.2	5.3	5.0	4.7	4.5	4.4	4.4	4.4	4.6	5.1	6.4	8.0	8.4	8.5	8.4	7.6	5.3	4.9	
2	11	4.1	3.9	3.9	4.1	4.3	4.7	5.4	5.6	5.1	4.8	4.6	4.5	4.4	4.4	4.6	4.7	4.6	7.4	8.1	8.2	8.1	7.8	5.5	4.5	
2	12	4.1	4.0	4.0	4.0	4.3	4.7	5.5	5.6	5.2	6.6	4.8	4.8	4.5	4.5	4.5	4.6	4.9	8.1	8.4	8.4	8.2	5.8	5.3	4.5	
2	13	4.2	4.1	4.1	4.3	4.5	4.8	5.5	5.7	5.2	5.0	4.9	4.7	4.5	4.5	4.5	4.5	4.5	4.6	5.7	8.1	8.2	7.9	5.8	5.4	4.5
2	14	4.3	4.1	4.1	4.1	4.2	4.5	4.9	5.2	5.1	5.0	4.8	4.8	4.8	4.8	4.8	4.8	4.9	5.0	5.2	7.3	7.4	7.2	5.1	4.7	4.4
2	15	4.2	4.1	3.9	3.9	4.1	4.3	4.5	4.8	4.9	4.9	4.8	4.8	4.9	4.9	5.0	5.0	5.2	5.3	5.5	5.9	5.9	5.6	5.4	4.9	4.6
2	16	4.2	4.0	4.0	4.0	4.2	4.4	5.4	7.1	6.8	5.0	4.8	4.8	4.8	4.7	4.7	4.9	5.6	7.3	8.5	8.5	8.0	7.4	4.9	4.5	
2	17	4.2	4.0	3.9	4.1	4.3	4.6	5.3	7.2	6.3	4.9	4.9	4.7	4.6	4.7	4.8	4.8	4.8	5.6	8.2	8.5	8.4	8.4	8.2	7.8	6.3
2	18	4.3	4.1	4.1	4.2	4.4	5.4	7.6	8.2	7.3	5.0	4.9	4.8	4.8	4.7	4.8	4.8	5.1	5.2	8.5	8.5	8.4	8.3	8.1	8.1	7.4
2	19	4.2	4.1	4.1	4.1	4.3	5.6	7.9	8.3	8.3	6.9	4.9	4.8	4.8	4.8	4.8	4.9	5.7	8.1	8.3	8.4	8.3	8.2	6.5	4.4	
2	20	4.2	4.0	4.0	4.0	4.3	4.7	6.3	8.4	8.2	7.0	5.1	4.9	5.5	4.8	5.0	5.1	5.3	6.0	8.5	8.6	8.4	8.2	7.8	7.7	6.3
2	21	7.3	7.1	4.0	4.0	4.3	4.6	6.5	6.8	8.1	7.3	6.7	4.8	4.8	4.7	4.8	4.9	5.0	5.2	8.4	8.4	8.3	8.1	8.1	8.1	7.4
2	22	4.2	4.0	4.0	4.0	4.2	4.4	5.3	5.0	4.8	5.0	5.1	5.0	5.0	5.0	5.0	5.0	5.1	5.3	8.5	8.5	8.4	8.2	7.5	4.4	
2	23	4.7	4.0	4.0	4.2	4.6	6.4	8.3	8.1	6.0	6.8	6.7	6.6	6.5	6.4	6.5	6.7	7.3	8.5	8.6	8.4	8.2	8.1	7.5	4.4	
2	24	5.8	7.4	4.9	5.0	5.1	6.0	8.6	8.5	8.6	7.9	6.2	5.9	5.4	5.3	5.2	5.2	7.1	8.5	8.6	8.5	8.3	7.9	7.0	6.8	4.4
2	25	4.9	4.8	4.8	5.0	5.1	5.6	8.4	8.6	8.5	7.4	5.5	5.1	4.6	4.5	4.8	5.1	5.3	8.3	8.5	8.6	8.8	6.8	5.3	6.4	
2	26	4.6	4.6	4.8	5.1	6.3	8.6	8.5	8.1	8.1	5.0	4.8	4.7	4.6	4.8	4.8	4.9	5.1	5.3	8.3	8.5	8.6	8.8	6.8	5.3	6.4
2	27	4.6	4.6	4.6	4.4	4.7	6.6	8.2	8.0	5.8	5.0	4.9	4.7	4.8	4.8	4.8	5.0	6.5	8.4	8.5	8.6	8.5	7.0	8.2	7.2	4.4
2	28	5.2	4.3	4.2	4.3	4.4	5.6	5.7	5.6	5.1	5.0	4.9	5.0	4.8	4.8	4.8	4.9	5.2	7.7	8.4	8.2	8.2	5.9	5.5	4.7	

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
3	1	4.5	4.3	4.2	4.1	4.3	5.1	5.4	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.2	7.2	8.2	8.3	8.2	7.9	6.3	6.5		
3	2	4.4	4.2	4.1	4.1	4.6	5.5	8.0	8.3	8.1	6.9	5.8	6.5	5.2	6.2	6.1	7.4	7.9	8.6	8.6	8.6	6.5	6.4	4.9		
3	3	4.5	4.4	4.3	4.3	4.5	5.3	7.3	8.6	8.5	8.4	5.2	4.9	4.5	4.5	4.4	4.5	6.2	8.3	8.3	8.3	7.0	6.1	5.2		
3	4	4.5	4.3	4.3	4.3	4.5	7.4	8.0	8.4	8.0	6.0	5.1	5.0	4.9	4.7	4.6	4.7	4.8	7.5	8.4	8.6	8.5	7.8	6.4	5.5	
3	5	4.7	4.7	4.7	4.8	5.0	5.5	7.3	8.5	8.4	8.1	5.1	5.0	4.9	4.8	4.7	4.7	4.8	6.9	8.4	8.6	8.6	7.9	5.3	5.0	
3	6	4.7	4.6	4.6	4.6	4.8	7.0	7.8	6.5	5.7	5.3	5.1	4.9	4.9	4.8	4.7	4.7	4.8	6.2	8.3	8.6	8.6	6.2	6.1	5.5	
3	7	4.5	4.3	4.8	4.9	4.6	5.0	5.4	5.6	5.2	5.0	5.1	4.8	4.7	4.7	4.6	4.7	4.8	5.6	8.6	8.7	8.6	7.9	6.0	5.4	
3	8	4.4	4.3	4.2	4.2	4.3	4.6	5.0	5.2	4.9	4.8	4.7	4.6	4.6	4.6	4.7	4.7	4.9	6.6	8.6	8.6	8.6	7.9	5.4	4.9	
3	9	4.3	4.1	4.1	4.3	4.5	5.1	6.1	6.5	5.9	5.0	4.9	4.9	5.0	5.1	5.1	5.2	5.6	6.8	6.0	6.3	6.0	5.4	5.2	5.0	
3	10	4.4	4.3	4.3	4.3	4.7	5.7	7.6	6.7	5.4	5.0	5.0	5.0	5.0	5.0	5.1	5.2	5.3	7.0	8.3	8.5	8.5	8.5	6.1	4.6	
3	11	4.5	4.3	4.3	4.4	4.5	5.1	7.4	8.2	5.3	5.2	5.1	5.0	5.1	5.1	5.1	5.3	5.4	6.8	8.5	8.5	8.7	8.3	5.2	4.8	
3	12	4.5	4.3	4.3	4.3	4.5	4.9	6.5	6.7	5.4	5.6	5.2	5.2	5.3	5.3	5.5	5.6	5.7	7.7	7.6	8.4	8.6	8.6	7.4	5.2	
3	13	4.6	4.5	4.3	4.3	4.5	4.9	5.3	5.5	5.5	5.4	5.2	4.7	4.9	5.1	5.1	5.0	5.4	5.3	7.0	8.3	8.5	8.5	8.5	5.1	4.5
3	14	4.3	4.2	4.2	4.2	4.3	4.4	4.5	4.8	4.5	4.5	4.6	4.6	4.3	4.3	4.6	4.6	4.8	4.6	4.6	4.6	4.6	4.6	4.6	4.4	
3	15	4.1	4.0	4.0	4.0	4.1	4.3	4.3	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.7	4.8	4.9	5.0	5.0	5.2	5.4	5.5	5.5	4.3	
3	16	4.0	3.9	4.0	4.1	4.5	5.2	5.2	4.9	4.9	4.6	5.0	5.1	5.4	5.5	5.5	5.5	5.7	5.7	5.8	5.8	5.6	5.4	4.8	4.3	
3	17	4.2	4.1	4.1	4.1	4.1	4.4	4.5	4.8	5.1	5.3	5.1	4.8	4.9	5.1	5.3	5.5	5.6	5.8	5.7	5.8	5.7	5.5	4.8	4.5	
3	18	4.0	3.8	3.8	3.8	3.9	4.3	5.2	5.1	5.2	4.7	4.9	4.9	4.9	4.9	4.6	4.7	4.8	5.1	5.3	5.5	5.6	5.4	5.1	4.2	
3	19	4.0	3.9	3.8	3.8	4.0	4.3	5.1	5.2	5.3	5.0	4.9	4.2	4.3	4.6	4.3	4.3	4.9	5.0	5.1	5.3	5.2	5.0	4.7	4.2	
3	20	4.0	3.7	3.6	3.6	3.8	4.1	5.0	5.1	5.0	4.5	4.5	4.5	4.5	4.5	4.7	4.8	5.0	5.2	5.3	5.4	5.3	5.2	4.4		
3	21	3.8	3.6	3.6	3.6	3.8	3.9	4.5	4.8	4.2	4.2	4.3	4.5	4.6	4.7	4.9	4.9	5.1	5.3	5.4	5.3	5.1	4.3	4.1		
3	22	3.9	3.7	3.6	3.6	3.6	3.9	4.0	4.1	4.2	4.3	4.3	4.5	4.6	4.8	4.9	5.0	5.2	5.3	5.4	5.7	5.4	5.0	4.6		
3	23	3.9	3.6	3.6	3.6	3.7	4.1	4.5	4.5	4.7	4.6	4.8	4.7	4.8	4.9	5.1	5.2	5.1	5.4	5.7	5.8	5.7	5.5	4.7		
3	24	4.1	3.9	3.8	3.9	4.1	4.5	4.8	5.0	4.8	4.8	5.0	5.1	5.1	5.4	5.6	5.9	5.9	6.0	6.2	6.0	6.0	5.8	5.3	4.4	
3	25	4.2	3.9	3.8	3.8	3.9	4.4	5.1	5.2	5.1	4.6	4.7	4.7	4.7	4.9	4.9	5.3	5.5	5.7	5.8	5.8	5.7	5.5	5.1	4.3	
3	26	4.3	4.2	4.1	4.2	4.3	4.7	4.9	5.2	5.0	4.9	5.1	5.1	5.2	5.3	5.5	5.8	6.0	6.0	5.8	5.8	5.7	5.5	5.0	4.6	
3	27	4.3	4.2	4.2	4.2	4.3	4.7	5.1	5.1	5.0	4.9	5.1	5.4	5.6	5.9	5.9	6.0	6.2	6.2	6.3	6.1	5.6	4.9	4.3		
3	28	4.4	4.1	4.1	4.1	4.2	4.3	4.4	4.6	4.7	4.8	5.2	5.3	5.6	6.2	6.2	6.3	6.2	6.2	6.2	6.4	6.4	6.2	5.7	5.2	
3	29	4.2	3.9	3.8	3.9	4.0	4.1	4.4	4.5	4.7	4.8	5.3	5.6	5.8	6.1	6.4	6.2	6.2	6.3	6.1	6.1	5.6	4.9	4.3		
3	30	4.1	3.9	3.7	3.7	3.8	4.1	4.9	5.0	4.8	5.1	5.2	5.6	6.0	6.3	6.4	6.4	6.4	6.4	6.4	6.2	6.2	5.7	5.2	4.6	
3	31	4.3	4.0	3.9	3.9	4.0	4.2	4.7	5.1	5.0	4.9	5.3	5.7	6.0	6.3	6.4	6.2	6.2	6.3	6.3	6.2	5.7	5.2	4.8	4.1	

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
4	1	4.5	4.1	4.0	4.0	4.2	4.6	4.7	4.8	4.8	5.0	5.2	5.5	5.7	5.9	6.3	6.5	6.5	6.4	6.3	6.0	5.6	5.3	4.7	
4	2	4.3	4.1	4.0	4.1	4.2	4.6	4.7	4.8	5.0	5.0	5.1	5.3	5.4	5.5	5.6	5.8	5.8	5.9	5.9	6.0	5.9	5.5	5.1	4.6
4	3	4.3	4.1	4.0	4.0	4.1	4.5	4.7	4.7	4.8	4.9	5.0	5.0	5.1	5.4	5.5	5.6	5.6	5.7	5.9	6.0	5.9	5.7	5.0	4.6
4	4	4.3	4.0	4.0	4.0	4.0	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.0	5.1	5.3	5.7	5.8	6.1	5.8	5.9	5.8	5.7	5.0	4.8
4	5	4.3	4.0	3.9	3.8	3.8	4.0	4.1	4.4	4.5	4.7	4.7	4.9	5.1	5.2	5.3	5.5	5.8	5.8	6.0	5.8	5.8	5.4	4.9	4.5
4	6	4.2	3.9	3.8	3.8	3.9	4.3	4.6	4.7	4.7	4.8	5.0	5.0	5.1	5.2	5.3	5.7	5.8	5.9	6.0	6.1	5.9	5.7	5.1	4.6
4	7	4.3	4.0	4.0	4.0	4.1	4.5	4.8	4.9	5.0	5.0	5.0	5.2	5.1	5.3	5.5	6.0	6.1	6.3	6.3	6.1	5.7	5.3	4.8	
4	8	4.5	4.3	4.2	4.2	4.3	4.6	4.9	5.0	4.9	4.9	5.0	5.1	5.2	5.3	5.4	5.6	5.7	6.1	6.3	6.0	5.8	5.8	5.2	4.6
4	9	4.3	4.1	4.1	4.1	4.2	4.6	5.1	5.0	4.9	4.9	5.0	5.1	5.0	5.2	5.4	5.7	5.8	5.9	6.1	6.0	5.7	5.0	4.6	
4	10	4.3	4.2	4.1	4.1	4.3	4.6	4.8	4.8	4.7	4.8	4.9	4.9	5.0	5.2	5.6	5.7	5.9	5.9	6.0	5.9	5.7	5.7	5.2	4.8
4	11	4.2	4.0	3.7	3.6	3.7	4.2	4.2	4.4	4.6	4.6	4.7	4.8	4.9	5.1	5.4	5.5	5.7	6.1	5.9	5.9	5.7	5.6	5.1	4.5
4	12	4.3	4.0	3.9	3.9	3.8	4.0	4.3	4.5	4.7	4.9	5.0	5.0	5.1	5.3	5.5	5.6	5.7	5.9	6.0	5.9	5.9	5.7	5.4	4.8
4	13	4.0	4.0	3.9	4.0	4.1	4.6	4.6	4.7	4.6	4.7	4.5	4.7	4.9	5.2	5.4	5.9	6.2	6.2	6.4	6.4	6.3	6.1	5.6	5.2
4	14	4.2	4.0	3.9	3.9	4.0	4.5	4.9	5.0	5.0	4.9	5.2	5.4	5.5	5.7	5.9	6.0	6.1	6.2	6.2	6.0	5.6	5.6	5.1	4.8
4	15	4.2	3.9	3.9	3.9	4.0	4.4	5.0	4.8	4.7	4.8	4.9	5.0	4.9	5.0	4.9	5.0	5.1	5.6	5.6	5.8	5.7	5.5	4.7	4.2
4	16	4.0	3.8	3.7	3.8	3.9	3.9	4.2	4.8	4.7	4.6	4.5	4.4	4.5	4.5	4.3	4.2	4.4	4.7	5.0	5.3	5.5	5.3	4.5	4.0
4	17	4.1	3.8	3.9	3.9	4.0	4.4	5.0	4.9	4.5	4.4	4.5	4.5	4.6	4.6	4.5	4.7	4.9	5.3	5.5	5.6	5.6	5.4	5.0	4.6
4	18	4.3	3.9	3.9	4.1	4.4	4.7	4.6	4.4	4.5	4.7	4.8	4.7	4.9	5.2	5.5	5.7	5.8	5.8	5.9	5.7	5.5	5.0	4.6	
4	19	4.1	3.9	3.8	3.8	3.8	4.3	4.5	4.4	4.7	4.7	4.9	5.0	5.1	5.3	5.6	6.0	6.2	6.3	6.2	6.2	5.9	5.5	5.1	5.0
4	20	4.2	3.8	3.7	3.7	3.8	4.6	5.2	5.3	5.1	4.8	5.2	5.4	5.6	5.9	6.2	6.3	6.4	6.4	6.3	6.1	5.5	5.1	4.7	
4	21	4.3	4.0	3.9	4.0	4.4	5.0	5.1	4.9	5.1	5.3	5.5	5.4	5.9	5.8	6.0	6.1	6.2	6.0	6.1	6.0	5.7	5.1	4.6	
4	22	4.4	4.0	3.9	4.0	4.4	4.6	4.7	4.7	4.8	5.0	5.1	5.2	5.5	5.4	5.9	6.0	6.0	6.1	6.2	6.2	6.2	5.5	4.9	
4	23	4.4	4.1	4.0	4.1	4.1	4.2	4.7	4.8	4.9	5.0	5.0	5.0	5.0	5.1	5.3	5.6	5.8	6.0	6.3	6.4	6.5	5.5	5.1	4.5
4	24	4.4	4.3	4.2	4.2	4.5	4.9	5.0	4.8	5.0	5.1	5.1	5.2	5.2	5.4	6.1	6.1	6.2	6.2	6.1	6.2	6.2	6.2	5.5	4.6
4	25	4.4	4.2	4.1	4.1	4.2	4.7	4.8	4.9	4.9	4.8	4.9	5.0	5.0	5.0	5.1	5.3	5.6	5.8	6.0	6.0	6.1	5.7	5.4	4.8
4	26	4.4	4.2	4.2	4.2	4.4	4.4	4.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.0	5.2	5.3	5.5	5.5	5.6	5.1	4.8	4.5
4	27	4.4	4.3	4.3	4.4	4.6	5.4	5.0	4.9	5.0	5.0	5.2	5.3	5.4	5.5	5.7	6.0	6.1	6.2	6.2	6.1	5.7	5.2	4.8	
4	28	4.2	4.0	4.0	4.0	4.1	4.1	4.3	4.6	4.7	4.7	4.8	4.8	5.0	5.3	5.5	5.7	5.9	6.0	6.3	6.2	6.0	5.6	5.1	4.9
4	29	4.5	4.1	4.1	4.2	4.5	4.6	4.7	5.1	5.4	5.7	5.8	6.1	6.2	6.4	6.4	6.4	6.4	6.4	6.3	6.3	5.8	5.1	4.7	
4	30	4.4	4.3	4.3	4.1	4.1	4.1	4.3	4.5	4.7	4.8	4.9	5.3	5.8	6.2	6.5	6.8	7.0	7.0	6.9	6.9	6.5	6.0	5.4	4.9

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
5	1	4.6	4.2	4.1	4.0	4.3	4.6	4.8	4.9	5.3	5.7	6.2	6.3	6.9	7.2	7.4	7.5	7.4	7.2	6.9	6.6	6.1	5.6	5.0	
5	2	4.8	4.4	4.3	4.3	4.4	4.6	4.8	5.0	5.3	5.8	6.2	6.6	6.9	7.0	7.1	7.1	6.9	6.8	6.6	6.5	6.0	5.6	5.2	
5	3	4.8	4.4	4.5	4.3	4.3	4.2	4.3	4.7	5.0	5.3	5.7	6.0	6.2	6.4	6.6	6.8	6.8	6.6	6.6	6.5	6.3	5.9	5.4	4.9
5	4	4.4	4.2	4.1	4.0	4.1	4.4	4.7	4.9	5.1	5.2	5.4	5.7	5.6	5.7	5.8	6.1	5.8	5.5	5.4	5.6	5.7	5.3	5.1	4.3
5	5	4.1	3.9	3.9	3.9	4.0	4.1	4.5	4.6	4.7	4.7	4.8	5.0	5.1	5.3	5.5	5.7	6.0	6.2	6.3	6.3	6.2	6.1	5.6	5.1
5	6	4.3	4.1	4.0	4.0	4.1	4.2	4.1	4.9	5.1	5.2	5.0	4.8	5.0	5.2	5.4	5.5	5.6	5.8	6.0	5.9	5.6	5.4	5.1	4.6
5	7	4.4	4.2	4.1	4.0	4.1	4.1	4.7	5.2	5.3	5.2	5.4	5.7	5.0	5.1	5.3	5.1	5.2	5.3	5.3	5.3	5.4	5.5	5.1	4.8
5	8	4.4	4.1	4.1	4.0	4.1	4.1	4.7	5.2	5.3	5.2	5.4	5.7	5.0	5.1	5.1	5.2	5.3	5.3	5.3	5.4	5.5	5.4	5.1	4.6
5	9	4.3	4.0	3.9	3.9	4.0	4.5	4.3	4.8	4.6	4.4	4.5	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.4	5.5	5.7	5.5	5.3	5.0
5	10	4.3	4.0	4.0	3.9	4.0	4.1	4.1	4.3	4.5	4.6	4.7	4.8	4.9	5.0	5.2	5.4	5.6	5.8	5.8	5.8	5.8	5.3	4.9	4.6
5	11	4.2	4.0	3.9	3.9	4.0	4.5	4.5	5.3	5.3	4.8	5.0	5.5	5.8	6.0	6.2	6.4	6.5	6.5	6.5	6.5	6.3	5.8	5.3	4.6
5	12	4.5	4.1	4.0	4.0	4.1	4.1	4.3	5.0	5.1	5.2	5.4	5.6	5.9	6.0	6.0	6.1	6.1	6.1	6.0	6.1	5.9	5.5	4.9	4.5
5	13	4.4	4.1	4.1	4.0	4.1	4.3	5.1	5.1	5.0	5.2	5.3	5.6	5.8	6.3	6.4	6.1	6.2	6.1	6.3	6.2	5.8	5.0	4.6	4.6
5	14	4.5	4.1	4.1	4.0	4.1	4.3	5.2	5.2	5.0	5.3	5.5	5.5	5.6	5.7	5.8	6.0	6.2	6.4	6.5	6.6	6.5	6.3	5.8	5.3
5	15	4.4	4.0	4.0	4.0	4.0	4.3	4.6	4.7	4.8	4.9	4.9	5.0	5.0	5.1	5.0	5.0	5.0	5.1	5.0	5.1	5.2	5.3	4.9	4.5
5	16	4.0	3.9	3.8	3.8	3.9	3.9	4.1	4.3	4.4	4.4	4.4	4.5	4.5	4.6	4.6	4.9	5.0	5.3	5.3	5.5	5.5	5.2	4.6	4.3
5	17	4.2	3.9	3.8	3.8	3.8	3.9	4.0	4.2	4.3	4.3	4.5	4.7	4.9	5.1	5.3	5.7	5.7	6.0	6.0	5.9	5.8	5.5	4.9	4.4
5	18	4.3	3.9	3.9	3.9	4.0	4.3	5.1	5.2	5.2	5.4	5.1	5.3	5.8	5.9	6.1	6.3	6.1	6.2	6.0	6.1	6.0	5.6	5.0	4.5
5	19	4.3	4.0	3.9	3.9	4.0	4.1	5.2	5.2	5.0	4.8	5.2	5.4	5.7	5.9	6.2	6.4	6.7	6.9	6.9	7.3	7.3	7.5	5.5	5.0
5	20	4.9	4.7	4.6	4.6	4.7	4.9	5.6	5.2	5.4	5.5	5.8	6.0	6.3	6.7	7.0	7.7	8.8	8.8	8.6	8.4	8.3	6.0	5.4	4.4
5	21	5.0	4.8	4.6	4.6	4.7	4.9	5.2	5.4	5.5	5.7	5.9	6.1	6.4	6.6	6.7	7.3	7.3	7.0	7.0	6.7	6.2	5.6	5.3	4.2
5	22	5.0	4.9	4.6	4.5	4.8	5.0	5.1	5.3	5.4	5.4	5.5	5.5	5.7	5.8	6.0	6.5	6.6	6.4	6.4	6.4	6.4	6.1	5.1	4.8
5	23	4.4	4.2	4.1	4.0	4.1	4.2	4.4	4.6	4.8	4.9	5.2	5.3	5.5	5.7	5.8	6.0	6.5	6.6	6.4	6.4	6.4	6.4	6.3	5.7
5	24	4.3	4.2	4.1	4.2	4.2	4.3	4.7	4.9	5.2	5.3	5.5	5.7	6.0	6.2	6.4	6.6	6.5	6.4	6.7	7.6	7.5	5.9	5.3	5.0
5	25	5.0	4.7	4.5	4.4	4.5	4.7	4.9	5.2	5.5	5.9	6.1	6.4	6.6	6.8	7.6	7.8	7.8	7.7	7.5	7.4	6.9	6.3	5.7	4.8
5	26	5.3	4.9	4.8	4.7	4.7	4.9	5.2	5.5	5.6	6.1	6.5	6.9	7.2	7.6	7.8	8.1	8.6	8.4	8.7	8.9	8.4	7.4	6.5	5.8
5	27	5.4	5.1	4.8	4.8	4.9	5.0	5.3	5.5	5.7	6.1	6.5	7.0	7.4	7.8	8.0	8.2	8.4	8.8	8.6	8.3	7.9	7.7	6.7	6.0
5	28	5.5	5.1	5.0	4.9	4.9	5.1	5.4	5.7	5.8	6.3	6.7	7.3	7.8	8.3	8.6	8.7	9.1	9.1	9.2	8.8	7.8	7.0	6.5	5.8
5	29	5.8	5.4	5.2	5.1	5.1	5.2	5.4	5.6	6.0	6.7	7.3	8.0	8.3	8.7	8.8	9.2	9.4	9.4	9.3	8.8	8.4	7.1	6.6	5.8
5	30	5.9	5.6	5.3	5.1	5.1	5.2	5.6	6.1	6.9	7.7	8.3	9.2	9.5	9.6	9.8	9.8	9.6	9.5	9.2	8.8	7.4	6.8	6.0	5.8
5	31	6.1	5.5	5.4	5.6	5.5	5.4	5.4	5.8	6.3	7.3	7.9	8.5	9.3	9.4	9.7	9.7	9.5	9.4	9.2	9.1	8.3	7.4	6.9	6.0

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
6	1	6.4	6.0	5.6	5.3	5.5	5.6	5.6	6.1	6.8	7.6	8.6	9.6	9.8	10.5	10.6	10.9	11.0	10.9	10.8	10.5	9.7	8.7	7.9	7.0
6	2	6.4	6.0	5.7	5.6	5.5	5.6	5.5	6.1	6.5	7.1	7.9	8.7	9.3	9.8	10.4	10.9	11.3	10.4	10.7	9.7	9.0	9.0	7.8	7.0
6	3	6.3	5.9	5.7	5.5	5.6	5.5	5.5	5.8	6.4	7.0	7.7	8.4	9.0	9.5	9.9	10.7	10.6	11.0	10.6	9.7	9.5	8.4	7.7	6.9
6	4	6.3	5.9	5.6	5.5	5.5	5.7	5.5	5.8	6.3	6.9	7.5	8.1	8.6	9.0	9.1	9.1	8.9	8.7	8.3	8.1	7.9	7.5	7.1	6.5
6	5	6.1	5.8	5.6	5.5	5.6	5.7	5.5	5.8	6.1	6.6	7.0	7.4	7.8	8.1	9.4	9.6	8.9	8.8	8.4	8.5	8.4	7.5	7.3	6.6
6	6	6.1	5.8	5.5	5.3	5.3	5.3	5.0	5.5	6.2	6.9	7.6	8.2	8.7	9.1	9.5	10.0	10.3	10.3	9.9	9.2	8.6	7.9	9.2	6.8
6	7	6.2	5.9	5.6	5.4	5.3	5.2	4.9	5.3	6.0	6.8	7.6	8.4	9.2	10.5	10.6	10.9	11.1	11.0	10.5	10.2	9.9	9.6	8.2	7.5
6	8	6.3	6.0	5.7	5.6	5.6	5.7	5.6	6.1	6.7	7.4	8.9	9.8	10.3	10.6	10.6	10.8	10.9	10.7	10.3	10.0	9.7	9.2	9.0	7.3
6	9	7.2	6.4	6.2	6.0	6.0	6.2	6.0	6.4	6.7	7.9	7.8	8.5	9.4	9.5	9.7	9.9	9.9	9.9	9.7	9.6	9.5	9.3	7.4	6.7
6	10	6.2	5.9	5.8	5.7	5.7	5.8	5.7	6.2	6.9	7.6	8.8	9.6	9.8	10.3	10.5	10.8	10.9	10.9	10.7	10.3	10.0	9.6	8.2	7.3
6	11	6.7	6.2	6.0	5.8	5.8	5.9	5.8	6.3	7.0	7.9	8.9	9.4	9.9	10.2	10.4	10.8	10.9	10.8	10.6	10.3	10.0	9.5	7.9	7.1
6	12	6.5	6.1	5.8	5.7	5.7	5.7	5.6	6.1	6.8	7.6	8.4	9.2	9.6	10.1	10.7	10.7	10.8	10.7	10.3	9.7	9.5	9.0	8.3	7.5
6	13	6.8	6.4	6.1	5.9	5.8	5.8	5.8	6.0	6.8	7.7	8.6	9.8	10.0	10.3	10.6	10.8	10.6	10.5	10.2	9.6	9.4	9.0	8.5	7.6
6	14	7.0	6.5	6.2	6.0	5.8	5.8	5.8	5.8	6.3	7.0	7.9	8.9	9.4	9.9	10.2	10.4	10.8	10.9	10.8	10.6	10.3	10.0	9.5	7.1
6	15	7.4	6.9	6.6	6.4	6.2	6.3	6.3	7.0	7.8	9.2	9.9	10.7	11.3	11.7	11.9	12.1	11.9	11.6	11.3	10.9	10.5	10.0	9.4	8.4
6	16	7.7	7.2	6.8	6.5	6.5	6.6	6.5	6.6	7.2	8.6	9.0	9.9	10.5	11.0	11.4	11.6	11.6	11.1	10.8	10.4	9.9	9.6	9.9	9.1
6	17	7.9	7.1	6.7	6.4	6.3	6.4	6.4	7.1	8.3	9.3	10.1	11.1	11.2	11.8	12.0	11.9	11.8	11.5	11.4	11.1	10.7	10.3	9.6	8.1
6	18	7.9	7.4	6.9	6.7	6.6	6.6	6.6	7.3	9.1	10.0	10.8	11.5	11.6	11.5	11.4	11.4	11.5	11.5	11.5	11.3	10.5	10.3	10.3	8.8
6	19	7.9	7.4	7.0	6.7	6.6	6.6	6.5	7.3	8.8	9.5	10.4	10.9	11.2	11.5	11.4	11.6	11.5	11.5	11.6	11.4	10.5	10.2	10.4	8.9
6	20	7.9	7.2	6.8	6.5	6.3	6.2	6.0	6.7	8.1	9.6	10.4	11.0	11.3	11.5	11.8	12.1	12.3	12.0	11.3	10.9	9.9	9.0	8.1	
6	21	8.2	7.8	7.4	7.0	6.8	6.7	6.6	7.4	8.3	9.5	10.3	10.4	11.0	11.7	12.1	12.1	11.9	11.6	11.3	10.9	10.5	10.0	9.4	8.8
6	22	8.0	7.5	7.2	7.0	6.9	6.9	7.0	8.3	9.5	9.8	10.6	10.9	11.0	11.6	11.6	11.5	11.7	11.6	11.3	11.2	10.7	9.9	8.8	8.1
6	23	8.8	7.9	7.6	7.6	7.7	7.9	8.2	8.9	9.6	10.4	10.6	10.7	11.5	11.5	11.5	11.6	11.6	11.5	11.5	11.1	10.7	10.2	9.4	8.7
6	24	8.1	7.6	7.2	7.0	7.0	7.3	7.1	8.0	9.4	9.9	10.9	11.1	11.3	11.9	12.1	11.5	11.1	10.9	11.5	11.1	10.6	10.4	9.3	8.8
6	25	8.0	7.5	7.2	7.0	6.9	7.2	7.3	8.6	9.6	9.7	10.4	11.1	11.4	11.6	11.2	11.2	11.1	11.2	10.8	10.4	10.6	10.4	10.2	8.8
6	26	7.8	7.4	7.0	6.9	6.8	6.8	6.9	6.9	8.3	8.8	9.5	10.2	11.1	11.6	11.9	12.1	12.1	11.7	11.3	11.1	10.9	10.6	9.6	8.7
6	27	8.1	7.6	7.2	7.0	7.1	7.1	6.6	8.4	9.6	9.9	10.5	11.2	11.6	11.9	11.5	11.3	10.8	10.5	10.6	10.5	10.1	10.0	9.3	8.8
6	28	8.1	7.7	7.5	7.2	7.0	6.9	6.7	7.3	8.4	9.7	10.4	11.2	11.9	11.4	10.9	10.7	10.7	10.4	10.0	9.7	9.3	9.2	8.5	
6	29	7.8	7.4	7.1	6.9	6.8	6.8	7.5	8.3	9.4	9.1	10.2	11.3	11.6	11.7	12.2	12.2	12.0	11.3	10.7	10.3	10.0	9.6	9.5	8.9
6	30	9.1	8.7	8.3	8.0	7.3	7.4	7.8	8.0	9.2	9.5	10.3	11.0	11.7	11.6	11.9	11.9	11.6	10.9	10.3	10.0	9.5	9.4	9.2	8.5

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
7	1	8.5	7.5	7.1	6.8	6.8	6.9	6.9	7.5	8.3	9.4	9.6	9.8	10.2	10.6	10.6	10.6	10.6	10.4	10.0	9.6	9.4	9.4	9.5	9.2	
7	2	7.7	7.3	7.0	6.9	6.9	6.9	8.5	9.4	9.6	10.2	10.3	10.4	11.0	11.5	11.7	11.8	11.7	11.4	10.8	10.3	9.7	9.9	9.9	10.0	
7	3	9.2	8.5	8.0	7.5	7.4	7.4	7.0	7.4	9.0	9.3	9.7	9.8	10.1	10.5	11.0	11.5	11.8	11.7	11.3	10.5	10.0	9.5	9.8	9.8	
7	4	8.7	8.1	7.6	7.3	7.2	7.2	6.9	7.2	7.9	8.6	9.3	10.0	9.7	10.0	10.3	10.9	11.0	11.0	10.6	10.3	9.9	9.4	9.4	9.0	
7	5	8.0	7.5	7.1	6.9	6.8	6.7	6.3	6.7	7.3	8.0	8.8	9.5	9.9	10.1	10.2	10.2	10.3	10.3	10.1	9.4	9.1	9.1	8.3	8.3	7.6
7	6	6.7	6.4	6.2	6.0	6.1	6.2	6.1	6.7	7.5	8.6	9.6	9.6	9.4	10.0	10.2	10.2	10.3	10.0	9.8	9.5	9.1	9.2	9.7	9.3	8.6
7	7	7.7	6.7	6.4	6.2	6.2	6.3	6.4	7.1	8.1	9.3	9.6	10.2	10.5	11.0	11.3	11.5	11.6	11.6	11.4	10.8	10.3	9.5	9.5	9.5	8.4
7	8	7.4	6.9	6.6	6.4	6.3	6.3	6.3	7.3	8.3	8.8	9.9	10.4	10.8	11.2	11.5	11.9	12.1	12.1	11.6	10.9	10.4	9.9	9.9	9.1	8.9
7	9	7.5	7.1	6.8	6.6	6.6	6.8	6.8	7.5	8.3	8.9	9.0	9.4	9.8	9.9	10.1	10.3	10.1	10.1	9.8	9.4	9.1	8.5	8.5	8.5	7.6
7	10	6.7	6.5	6.3	6.1	6.1	6.2	6.1	6.6	7.2	7.9	8.5	9.0	9.4	9.7	10.0	10.4	10.5	10.6	10.5	10.0	10.1	9.8	8.4	8.4	7.7
7	11	7.1	6.7	6.4	6.1	6.0	6.0	5.8	6.4	7.2	8.1	9.9	10.3	10.5	11.1	11.3	11.6	11.7	11.7	11.4	11.0	10.6	10.1	9.6	8.4	8.4
7	12	7.2	6.8	6.4	6.2	6.1	6.0	5.7	6.4	7.3	8.3	9.2	10.7	11.3	11.8	11.6	11.4	11.1	10.7	10.1	9.7	9.9	9.8	8.6	8.6	7.2
7	13	6.7	6.3	6.1	6.0	6.0	6.2	6.3	6.9	7.7	8.8	9.7	10.1	10.8	11.4	11.8	11.8	11.6	11.2	10.7	10.1	9.5	8.8	8.6	7.6	7.6
7	14	6.9	6.6	6.3	6.1	6.1	6.2	7.6	7.4	7.4	8.5	9.0	9.8	10.5	11.2	11.6	11.6	11.4	11.1	10.6	10.0	9.5	9.0	8.7	8.0	7.7
7	15	7.0	6.6	6.3	6.1	6.1	6.2	6.1	6.6	6.9	7.4	8.6	9.5	9.9	10.4	10.8	11.2	11.4	11.2	10.9	10.4	10.1	9.3	9.3	8.0	8.0
7	16	7.1	6.8	6.5	6.2	6.2	6.2	6.2	6.8	7.8	8.6	9.7	10.2	10.8	10.5	10.8	10.5	10.7	10.3	10.4	10.5	9.9	9.4	9.2	8.2	8.2
7	17	7.4	7.0	6.6	6.3	6.3	6.5	6.4	6.8	7.3	8.1	8.5	9.5	9.7	10.3	10.4	10.6	10.5	10.5	10.1	9.7	9.6	9.0	8.4	7.5	7.5
7	18	6.7	6.4	6.2	6.0	5.9	6.1	5.8	6.4	7.2	8.3	9.4	9.7	9.8	9.8	8.7	8.2	9.3	7.8	7.7	7.7	8.0	7.6	7.5	6.6	6.6
7	19	6.1	5.9	5.7	5.6	5.5	5.6	5.3	5.8	6.5	7.2	8.2	9.2	9.8	10.1	10.3	10.5	10.6	10.7	10.3	10.0	9.7	9.6	9.0	7.6	7.6
7	20	6.8	6.4	6.2	6.1	6.0	6.2	6.2	6.8	7.7	8.6	9.6	10.1	10.6	10.9	11.0	10.5	11.0	11.1	11.0	10.7	10.4	9.6	9.1	8.1	8.1
7	21	7.1	6.7	6.4	6.3	6.2	6.4	6.3	7.1	8.1	9.1	9.7	10.4	11.0	11.4	11.9	12.2	12.2	12.1	11.7	11.0	10.4	9.6	9.7	9.1	8.5
7	22	7.5	7.1	6.8	6.5	6.5	6.8	6.8	7.5	8.4	9.0	9.6	10.0	10.7	11.1	11.1	11.2	11.0	11.0	10.6	10.1	9.8	9.6	9.3	8.4	8.4
7	23	7.3	6.9	6.7	6.5	6.5	6.7	6.6	7.3	7.6	8.0	8.7	9.0	9.4	9.9	10.2	10.6	10.5	10.3	10.1	9.7	9.4	9.1	8.3	8.4	7.4
7	24	6.7	6.3	6.1	6.0	6.0	6.1	5.9	6.7	7.6	8.5	9.2	9.5	10.2	10.8	11.3	11.4	11.7	11.8	11.1	10.4	10.0	9.6	9.6	9.5	8.5
7	25	7.2	6.9	6.6	6.3	6.2	6.1	5.8	6.5	7.7	8.9	9.7	9.9	10.2	10.7	11.1	11.6	11.8	11.8	11.5	10.7	10.0	9.3	9.2	8.1	8.1
7	26	7.0	6.6	6.3	6.1	6.0	5.9	5.6	6.2	7.1	7.9	9.1	9.7	10.4	10.6	10.6	10.9	11.1	10.9	10.6	10.5	9.7	9.8	9.4	8.1	8.1
7	27	7.4	7.0	6.7	6.5	6.5	6.5	6.5	7.0	7.7	8.8	9.4	10.4	10.3	10.8	11.2	11.3	11.2	10.7	10.3	9.9	10.0	9.7	8.4	8.4	7.2
7	28	7.6	7.1	6.8	6.6	6.6	6.6	6.5	7.1	7.9	9.8	9.7	10.6	10.8	11.0	11.2	11.2	10.8	10.4	9.9	9.7	9.6	9.1	8.4	8.7	7.6
7	29	7.2	6.9	6.7	6.6	6.9	7.3	6.7	7.1	7.7	8.4	9.2	9.7	10.0	10.3	10.5	10.6	10.6	10.5	10.3	10.0	9.8	8.4	8.4	8.7	7.6
7	30	7.1	6.8	6.5	6.3	6.5	6.4	6.9	7.7	8.6	9.1	9.3	9.4	10.1	10.7	10.9	10.4	10.2	9.4	8.9	9.1	8.9	8.5	8.1	8.1	8.1
7	31	7.1	6.7	6.5	6.3	6.3	6.6	6.2	8.1	7.9	8.8	9.3	9.4	9.5	10.1	10.4	10.5	10.3	9.5	8.9	8.4	7.9	7.5	7.8	7.7	7.7

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
8	1	6.9	6.6	6.3	6.1	6.0	5.7	5.7	5.6	6.1	6.4	7.0	7.7	8.3	8.9	9.2	8.8	8.4	8.5	8.7	8.3	8.4	8.1	7.1	7.2	7.8	7.5	
8	2	6.9	6.4	6.0	5.7	5.7	5.6	5.6	6.8	8.5	8.6	9.6	10.3	10.5	10.4	10.5	10.4	10.5	10.7	10.7	10.3	9.6	8.8	9.0	9.6	9.3		
8	3	6.9	6.4	6.0	5.9	5.9	6.1	6.1	6.7	7.6	9.3	9.5	10.4	11.0	11.0	11.1	11.1	11.2	11.3	11.0	10.8	10.0	9.2	8.9	9.1	9.3		
8	4	7.7	7.1	6.6	6.3	6.2	6.4	6.6	7.5	8.6	9.4	10.2	10.9	11.1	11.3	11.5	11.6	11.6	11.5	11.4	11.1	10.2	9.7	10.2	9.4			
8	5	8.4	7.6	7.1	6.8	6.7	6.8	6.7	7.9	8.5	9.2	10.2	10.6	10.9	11.7	11.9	12.0	12.0	12.0	12.0	12.0	12.0	11.7	11.4	10.6	10.5	9.8	
8	6	9.2	8.5	7.9	7.6	7.6	8.0	7.8	8.3	8.4	9.3	9.6	10.1	10.6	10.6	10.9	11.1	11.0	11.1	10.6	10.1	10.1	9.8	10.0	10.4	9.4		
8	7	8.3	7.8	7.6	7.3	7.1	7.4	7.8	8.2	8.8	9.6	10.2	10.6	10.3	10.3	10.6	10.7	10.7	10.7	10.4	10.1	9.7	9.6	9.9	9.9	9.2	8.2	
8	8	7.4	6.9	6.5	6.3	6.2	6.2	6.2	5.9	6.4	7.3	8.5	9.5	10.0	10.0	10.3	10.3	10.3	10.3	10.1	9.6	9.4	9.5	9.9	9.8	8.5	7.7	
8	9	7.0	6.5	6.2	6.0	6.0	5.6	5.6	6.3	7.2	8.6	9.7	10.0	10.2	10.5	10.5	10.4	10.2	10.0	9.5	8.7	9.5	9.9	9.9	8.2	7.2		
8	10	6.6	6.3	6.1	6.0	6.0	6.3	6.3	7.5	8.6	9.6	9.8	9.6	9.8	9.6	9.8	10.2	10.6	10.9	10.7	10.5	10.0	9.6	9.3	9.0	8.5		
8	11	7.2	6.8	6.6	6.4	7.2	7.6	6.8	7.1	7.3	7.8	8.3	8.5	9.0	9.8	10.2	10.6	10.6	10.6	10.9	10.7	10.5	10.0	9.6	9.3	9.0	8.5	
8	12	8.1	6.6	6.5	6.4	6.4	6.4	6.7	7.8	7.3	8.1	8.5	9.4	9.9	10.4	10.5	11.0	11.0	11.2	11.0	10.3	9.9	9.4	8.2	8.2	7.9		
8	13	7.3	6.9	6.6	6.4	6.4	6.4	6.6	6.6	7.2	8.0	9.3	10.3	10.7	10.8	11.5	11.9	12.2	12.1	11.7	11.4	10.8	10.1	9.3	9.6	9.3		
8	14	9.0	8.1	7.7	7.4	7.3	7.4	7.8	8.6	9.6	10.4	10.9	11.2	12.1	12.5	12.1	12.1	12.1	12.1	11.9	11.7	11.5	10.9	10.2	9.3	9.9	9.7	
8	15	9.0	7.9	7.5	7.2	7.1	7.1	6.8	7.6	8.8	10.2	11.1	11.1	11.7	12.4	11.7	11.9	11.9	12.0	12.0	12.1	11.8	10.7	9.8	9.7	9.6		
8	16	9.6	8.6	7.9	7.7	7.5	7.4	7.4	7.0	7.8	9.3	10.2	10.5	11.1	11.6	11.9	11.8	11.7	11.8	11.8	11.6	11.2	10.7	9.8	10.0	9.0		
8	17	9.5	8.7	8.3	8.0	7.9	8.0	7.9	8.2	8.6	8.9	9.9	10.2	10.5	11.0	11.5	11.9	12.2	12.1	12.0	11.8	11.7	11.4	10.8	10.1	9.3	8.5	
8	18	9.0	8.0	7.6	7.4	7.3	7.6	7.7	8.4	9.3	9.5	9.8	9.9	10.6	11.2	11.7	11.7	11.7	11.8	11.8	11.6	11.1	10.4	9.7	9.4	8.6		
8	19	8.6	8.0	7.3	7.0	7.0	7.3	7.0	7.6	8.3	9.2	9.7	9.9	10.7	11.1	11.6	11.9	11.8	11.7	11.5	11.0	10.8	10.7	10.2	8.7			
8	20	8.8	7.5	7.2	7.0	7.0	7.8	7.2	7.8	8.6	9.5	10.1	11.3	12.0	12.1	12.0	11.7	11.7	11.2	11.0	10.7	10.5	10.0	9.3	8.8	8.4		
8	21	7.6	7.3	7.0	6.8	6.8	7.0	7.0	7.6	8.5	9.3	10.1	10.7	11.4	11.9	12.0	12.4	12.6	12.4	12.6	12.4	11.8	11.3	10.6	9.9	9.5	8.8	
8	22	8.2	7.7	7.3	7.1	7.0	7.0	6.7	7.4	8.4	9.3	10.2	10.7	11.1	11.4	11.4	11.3	11.3	12.7	12.3	11.7	10.8	9.8	9.1	8.3			
8	23	7.2	6.9	6.6	6.4	6.3	6.3	5.9	6.5	7.3	8.3	9.2	10.1	10.9	11.5	12.0	12.5	12.7	12.4	12.4	12.7	12.0	11.6	10.9	10.2	9.7	8.3	
8	24	7.2	6.8	6.5	6.4	6.4	6.4	6.7	7.4	8.3	8.8	9.6	10.4	11.2	11.9	12.5	12.9	13.0	12.7	12.3	12.3	11.7	10.8	10.2	9.7	9.4	8.7	
8	25	7.6	7.1	6.9	6.7	6.7	7.1	7.0	7.3	7.7	8.6	8.9	9.5	10.5	10.9	10.5	10.3	9.9	9.6	9.3	9.2	8.7	8.1	8.0	7.2			
8	26	6.7	6.4	6.2	6.2	6.5	6.4	6.9	7.6	8.6	8.9	9.7	10.0	10.5	10.4	10.1	9.7	9.2	8.9	8.9	8.7	8.5	7.7					
8	27	7.0	6.7	6.5	6.4	6.4	6.7	6.7	7.1	7.7	8.9	9.2	9.3	9.5	10.2	10.6	10.8	10.8	10.5	9.9	9.5	9.2	9.0	9.2	8.7			
8	28	7.2	6.8	6.5	6.3	6.3	6.5	6.4	6.9	7.6	9.0	9.3	9.6	9.9	10.6	11.0	11.3	11.4	11.3	10.7	10.0	9.7	9.4	9.2	8.7			
8	29	7.5	7.0	6.7	6.5	6.5	6.5	6.1	6.8	7.8	9.0	10.1	10.5	10.8	11.4	11.5	11.2	10.4	9.6	9.1	9.0	8.9	8.6	8.4				
8	30	7.4	6.9	6.6	6.4	6.3	6.3	6.0	6.6	7.5	8.5	9.5	9.8	11.2	11.3	10.6	10.4	10.2	9.8	10.3	9.1	8.7	8.7	7.7				
8	31	7.0	6.5	6.1	6.0	6.0	6.3	6.2	6.7	7.5	8.4	9.4	9.7	10.8	11.1	10.9	10.7	10.5	9.9	10.2	9.8	9.8	8.8	8.9	8.0			

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24							
9	1	7.0	6.6	6.3	6.2	6.2	6.4	6.3	6.4	6.6	7.0	7.3	7.9	8.6	9.3	10.1	10.7	10.9	10.9	11.5	11.8	11.8	11.5	10.8	10.6	10.3	9.5	8.5	7.6			
9	2	6.9	6.6	6.4	6.3	6.4	6.4	6.6	6.8	7.1	7.6	8.3	9.1	9.1	9.8	10.5	11.0	11.5	11.8	11.8	11.5	10.8	10.6	10.3	9.5	8.5	7.6					
9	3	6.4	6.0	5.8	5.7	5.8	6.1	6.4	6.7	7.1	7.6	8.3	9.0	9.3	9.6	9.4	9.2	9.0	8.8	8.6	8.5	8.1	7.5	7.5	7.7	7.7	6.9	6.9				
9	4	5.9	5.6	5.4	5.4	5.4	5.5	5.8	6.1	6.3	6.7	7.2	8.7	9.1	8.7	8.9	9.1	8.9	8.7	8.6	8.4	8.2	8.2	7.6	7.6	6.8	6.8	6.3	6.3			
9	5	5.9	5.6	5.3	5.2	5.2	5.3	5.4	5.8	6.3	6.8	7.1	7.3	7.6	8.0	8.3	8.5	8.7	8.7	8.5	8.4	8.4	8.4	7.5	7.5	6.6	6.6	6.0	6.0			
9	6	5.6	5.3	5.0	4.9	4.8	5.0	5.1	5.5	6.2	6.9	7.9	8.7	9.6	10.1	10.6	10.9	11.0	10.9	10.3	9.8	9.4	9.4	9.0	7.5	7.5	6.8	6.8	6.3	6.3		
9	7	6.2	5.9	5.6	5.4	5.4	5.5	5.6	6.2	7.0	8.1	9.6	10.2	10.7	11.2	11.7	12.0	12.0	11.8	11.3	11.0	11.0	11.3	11.0	10.3	9.6	9.4	9.4	7.4			
9	8	6.8	6.4	6.2	6.0	6.0	6.3	6.8	7.2	7.8	8.8	9.5	10.0	10.2	10.4	10.6	10.5	10.5	10.5	10.3	10.1	9.6	9.2	7.9	7.0	7.0	7.0	7.0	7.0			
9	9	6.4	6.1	5.9	5.8	5.8	6.1	6.5	6.9	7.4	8.2	9.0	9.0	9.5	9.4	9.9	9.9	9.9	9.8	9.5	9.4	9.0	8.9	9.2	9.2	9.2	9.2	9.2	9.2	9.2		
9	10	6.8	6.5	6.2	6.2	6.1	6.5	7.0	7.2	7.8	8.2	8.8	8.7	8.9	9.2	9.5	9.6	9.7	9.7	9.3	9.4	8.9	8.5	7.1	7.1	6.4	6.4	6.4	6.4	6.4		
9	11	6.0	5.7	5.5	5.4	5.5	5.8	6.2	6.5	6.9	7.6	8.3	8.9	9.0	9.5	10.0	10.5	10.6	10.6	10.3	9.6	9.4	9.3	9.5	8.8	8.8	7.6	7.6	7.6	7.6		
9	12	6.6	6.2	6.0	5.8	5.7	5.8	6.3	7.1	8.0	9.3	10.5	10.4	10.6	10.5	10.8	10.6	10.1	9.6	9.8	9.1	9.5	8.2	7.3	7.3	7.3	7.3	7.3	7.3			
9	13	6.6	6.2	5.8	5.7	5.6	5.6	5.7	6.2	7.0	8.3	8.9	10.0	10.5	11.0	11.3	11.2	10.6	10.3	10.0	9.8	9.5	8.4	7.5	6.8	6.8	6.8	6.8	6.8	6.8		
9	14	6.3	6.0	5.9	5.8	5.8	6.1	6.4	6.7	7.3	8.2	9.3	9.8	9.9	10.4	10.8	10.7	10.7	10.8	10.5	10.4	10.3	10.0	9.0	7.7	7.0	7.0	7.0	7.0	7.0		
9	15	6.5	6.1	5.9	5.8	5.8	6.1	6.7	7.0	7.5	8.4	9.3	9.8	10.2	10.4	10.6	10.7	10.6	10.5	10.3	10.3	9.3	8.7	7.6	6.6	6.6	6.6	6.6	6.6	6.6		
9	16	6.0	5.7	5.5	5.4	5.4	5.4	6.1	6.2	6.5	7.0	7.6	8.3	8.8	9.3	9.7	10.1	10.4	10.5	10.4	10.4	9.8	9.5	8.9	8.1	7.6	6.8	6.8	6.8	6.8	6.8	
9	17	5.9	5.6	5.3	5.2	5.3	5.8	6.0	6.3	6.8	7.4	8.2	8.9	9.5	9.9	10.4	10.8	10.9	10.7	10.1	9.8	9.0	8.2	7.2	6.6	6.6	6.6	6.6	6.6	6.6		
9	18	5.9	5.6	5.3	5.2	5.2	5.5	5.8	6.0	6.5	7.1	8.5	9.7	10.4	10.8	11.1	11.2	11.0	10.7	10.3	10.0	9.8	9.9	8.0	6.7	6.7	6.7	6.7	6.7	6.7		
9	19	5.9	5.5	5.3	5.2	5.2	5.1	5.2	5.4	5.8	6.3	7.3	8.4	9.0	9.3	9.8	9.8	9.5	9.9	9.9	9.6	8.9	9.5	9.3	7.2	6.1	6.1	6.1	6.1	6.1		
9	20	5.5	5.2	5.0	4.8	4.8	4.9	5.3	5.9	6.0	6.3	6.8	7.4	8.2	8.9	9.5	9.9	10.4	10.2	10.3	10.4	10.7	10.2	10.2	9.9	9.2	8.7	7.0	7.0	7.0	7.0	7.0
9	21	5.8	5.5	5.2	5.1	5.2	5.5	6.0	6.2	6.4	6.7	6.7	6.6	6.5	7.3	7.2	7.8	8.2	8.2	8.0	8.1	7.5	6.9	6.3	5.5	5.5	5.5	5.5	5.5	5.5		
9	22	5.2	5.0	4.9	4.9	5.0	5.2	5.8	6.0	6.2	6.5	6.9	7.3	8.1	9.0	9.0	8.2	8.4	8.6	8.6	8.4	8.4	8.1	7.6	6.6	5.7	5.7	5.7	5.7	5.7	5.7	
9	23	5.1	4.8	4.7	4.6	4.6	4.8	4.8	4.9	5.3	5.5	5.8	6.4	7.3	8.0	8.9	9.1	9.5	9.8	10.0	10.2	10.2	9.8	9.7	8.7	7.9	6.5	5.8	5.8	5.8	5.8	5.8
9	24	5.3	5.0	4.8	4.7	4.7	5.0	5.4	5.6	6.0	6.6	8.2	9.3	9.3	10.0	10.3	10.2	10.2	10.2	9.8	9.7	9.5	9.4	8.3	7.7	6.4	6.4	6.4	6.4	6.4		
9	25	5.6	5.2	5.0	4.9	4.9	5.2	5.5	6.4	6.9	7.6	9.2	9.4	9.7	10.1	10.4	10.7	10.3	9.7	9.5	9.4	9.3	9.3	7.3	6.4	6.4	6.4	6.4	6.4			
9	26	5.7	5.3	5.0	4.9	4.9	5.1	5.5	6.2	7.0	8.5	9.3	9.9	10.3	10.5	10.8	10.6	9.8	9.4	9.0	8.3	7.5	7.1	6.2	6.2	6.2	6.2	6.2	6.2			
9	27	5.6	5.2	4.9	4.8	4.7	4.8	4.9	5.2	5.9	6.7	7.6	8.5	9.6	10.3	10.6	11.0	11.0	10.6	9.4	9.5	8.5	8.0	7.2	6.1	6.1	6.1	6.1	6.1			
9	28	5.6	5.2	5.0	4.9	5.0	5.3	5.7	6.0	6.5	7.2	8.7	9.6	10.0	10.5	11.0	11.3	10.8	10.0	10.0	9.7	9.3	8.7	7.4	6.4	6.4	6.4	6.4	6.4			
9	29	5.7	5.4	5.1	5.0	5.0	5.3	5.9	6.1	6.6	7.5	8.4	9.1	9.7	10.4	10.8	11.2	11.4	11.2	10.5	9.9	9.0	8.7	7.5	6.4	6.4	6.4	6.4	6.4			
9	30	5.7	5.3	5.1	5.0	5.0	5.3	5.9	6.1	6.6	7.1	8.1	9.0	9.8	10.6	11.2	11.6	11.7	11.4	10.8	10.1	9.4	8.2	7.3	6.3	6.3	6.3	6.3	6.3			

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
10	1	5.8	5.4	5.2	5.1	5.1	5.4	5.9	6.1	6.4	7.0	8.5	9.5	9.4	10.0	10.3	10.1	10.0	9.9	9.9	9.3	9.3	8.6	7.0	6.4	
10	2	5.7	5.3	5.1	4.9	4.9	5.2	5.6	5.7	6.3	6.9	8.0	8.9	8.8	9.4	9.8	10.0	10.0	9.6	9.2	8.7	8.6	7.8	6.6	5.9	
10	3	5.4	5.1	4.8	4.7	4.7	4.8	5.0	5.2	5.7	6.2	6.8	7.4	8.0	8.5	9.0	9.3	9.1	8.7	8.5	8.1	8.0	7.3	6.3	5.7	
10	4	5.3	5.0	4.8	4.7	4.7	4.9	5.0	5.3	5.8	6.5	7.0	7.4	7.9	8.0	8.2	8.2	8.1	9.4	9.4	7.9	7.1	6.1	5.4	5.4	
10	5	5.0	4.8	4.6	4.6	4.6	4.9	5.3	5.5	5.8	6.2	6.2	6.3	6.6	6.8	6.9	7.4	7.0	7.6	9.0	8.9	6.7	6.1	5.4	4.9	
10	6	4.6	4.5	4.4	4.3	4.4	4.4	4.7	5.9	6.4	5.3	5.5	5.7	6.0	6.9	6.7	6.5	6.5	7.3	7.4	8.7	8.7	6.6	7.0	5.2	4.7
10	7	4.4	4.3	4.2	4.2	4.3	4.6	5.4	5.3	5.1	5.2	5.4	5.6	6.2	6.1	6.1	6.9	6.9	7.3	8.7	8.7	7.4	5.8	5.1	4.7	4.7
10	8	4.4	4.2	4.1	4.1	4.2	4.6	5.0	5.0	5.1	5.3	5.5	5.9	6.3	6.3	7.4	7.3	7.7	7.9	8.0	8.7	8.5	7.6	6.9	5.6	5.1
10	9	4.7	4.5	4.4	4.4	4.4	4.5	4.8	5.2	5.4	6.1	6.4	6.7	7.2	8.4	8.8	8.9	9.0	9.0	9.1	9.0	9.0	8.3	7.7	6.0	5.5
10	10	5.1	4.8	4.7	4.6	4.6	4.8	5.0	5.6	5.6	5.9	6.1	6.8	7.5	8.7	9.2	9.4	9.5	9.4	9.3	9.2	9.1	8.5	7.8	6.0	5.5
10	11	5.0	4.8	4.6	4.5	4.4	4.5	4.6	4.7	5.2	5.8	6.4	7.2	8.4	9.4	9.8	9.8	9.8	9.8	9.8	9.6	9.5	8.7	7.9	6.9	5.6
10	12	5.1	4.8	4.6	4.5	4.6	4.8	5.2	5.4	5.8	6.3	6.8	7.5	8.1	8.9	9.6	9.7	9.7	9.6	9.5	9.4	9.1	8.3	6.4	5.7	5.7
10	13	5.2	4.9	4.7	4.7	4.6	4.7	5.0	5.4	5.7	6.1	6.4	7.3	8.1	8.8	9.1	9.2	9.4	9.4	9.2	9.1	9.1	9.1	7.2	6.4	5.6
10	14	5.2	4.9	4.7	4.7	4.7	5.0	5.4	5.5	5.8	6.4	7.2	8.4	9.4	9.8	9.8	9.8	9.8	9.8	9.8	9.6	9.5	8.7	7.9	6.9	5.6
10	15	5.2	4.9	4.7	4.7	4.7	5.1	5.5	5.6	5.8	6.3	6.8	7.7	8.0	8.1	8.2	7.8	8.6	8.6	8.6	8.6	8.5	8.5	6.7	6.0	5.4
10	16	5.0	4.8	4.7	4.6	4.7	5.2	5.1	5.3	5.5	5.9	7.7	8.1	8.7	8.1	8.2	8.1	7.3	7.5	7.5	7.1	6.8	6.8	5.9	5.5	5.5
10	17	4.8	4.6	4.4	4.3	4.3	4.5	4.8	5.0	5.3	5.6	7.0	7.5	7.8	7.9	8.1	8.5	8.6	9.0	8.9	8.5	8.3	6.0	5.7	5.3	5.3
10	18	4.6	4.3	4.2	4.2	4.2	4.3	4.5	4.6	5.0	5.3	5.7	6.2	6.8	7.2	7.6	7.8	9.1	9.2	9.2	8.8	6.8	6.2	5.3	4.8	4.8
10	19	4.4	4.2	4.1	4.1	4.2	4.9	7.3	7.6	6.7	5.5	6.0	6.5	6.9	7.6	7.5	7.6	9.2	9.3	9.2	9.1	7.9	6.1	5.3	4.8	4.8
10	20	4.4	4.2	4.1	4.1	4.1	4.4	5.2	5.5	5.1	5.2	5.4	5.5	6.0	7.0	6.4	6.3	6.2	8.8	8.8	8.8	8.3	5.5	4.9	4.5	4.5
10	21	4.1	4.0	4.0	4.0	4.1	4.4	4.9	4.9	4.9	5.0	5.2	5.4	5.5	5.6	6.0	6.0	6.6	8.6	8.6	8.6	8.6	5.4	4.8	4.4	4.4
10	22	4.1	4.0	3.9	3.9	4.0	4.4	6.0	5.9	5.4	5.4	5.1	5.0	5.1	5.3	5.6	5.7	5.9	7.6	8.3	8.6	8.6	7.6	5.4	4.8	4.4
10	23	4.1	3.9	3.9	4.0	4.4	4.9	4.9	4.8	5.0	5.1	5.2	5.4	5.1	5.3	5.6	5.7	5.9	7.6	8.3	8.6	8.6	7.6	5.4	4.8	4.4
10	24	4.3	4.1	4.0	4.0	4.2	4.5	4.6	4.7	4.9	5.0	5.2	5.4	5.6	6.0	6.2	6.6	6.6	8.6	8.6	8.1	7.4	5.5	5.0	4.6	4.6
10	25	4.3	4.1	4.0	4.0	4.0	4.0	4.1	4.3	4.4	4.6	4.8	5.0	5.2	5.5	5.8	6.0	6.2	6.3	6.5	8.4	6.6	6.2	5.7	5.0	4.5
10	26	4.2	4.1	4.0	3.9	4.0	4.4	4.9	5.0	5.1	5.3	5.7	6.6	7.0	7.4	7.6	7.9	9.0	9.1	8.9	7.1	5.8	5.1	4.6	4.6	4.6
10	27	4.3	4.1	4.0	4.0	4.1	4.5	6.1	6.1	4.9	4.9	5.0	5.3	5.6	5.9	6.5	6.7	6.8	8.2	8.3	8.2	7.8	5.7	5.0	4.5	4.5
10	28	4.2	4.1	4.0	4.0	4.1	4.5	5.0	5.1	5.1	5.1	5.2	5.3	5.6	5.8	5.8	5.9	7.3	8.5	7.6	7.3	5.6	5.0	4.6	4.6	4.6
10	29	4.3	4.2	4.1	4.1	4.2	4.6	5.1	5.1	5.2	5.2	5.3	5.8	5.4	5.5	5.5	5.7	5.9	8.1	8.1	5.7	5.3	4.7	4.3	4.3	4.3
10	30	4.1	4.0	3.9	3.9	4.0	4.4	4.9	5.9	5.1	5.1	5.0	4.9	4.9	5.0	5.2	5.5	7.2	7.0	5.4	5.2	4.7	4.4	4.4	4.4	4.4
10	31	4.1	4.0	3.9	3.9	4.0	4.2	4.5	4.7	4.7	4.7	4.7	4.8	4.8	4.8	5.1	5.3	5.6	7.5	8.1	8.1	5.5	5.1	4.7	4.3	4.3

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
11	1	4.1	3.9	3.9	3.9	4.1	4.4	4.5	4.5	4.5	4.5	4.5	4.6	4.8	5.0	5.2	5.6	5.8	6.1	6.3	6.1	5.8	5.3	4.8	4.3	
11	2	4.1	3.9	3.8	3.9	4.1	4.5	5.0	5.3	4.9	4.8	4.9	5.1	5.3	5.6	5.8	6.3	7.6	8.6	8.0	5.6	5.0	4.5			
11	3	4.2	4.1	4.0	4.0	4.1	4.4	4.9	4.9	4.8	4.7	4.8	4.9	5.0	5.1	5.6	6.8	7.2	8.7	8.7	8.6	5.5	5.0	4.4		
11	4	4.2	4.0	3.9	3.9	4.1	4.5	5.0	5.1	5.1	5.0	4.9	4.9	4.8	4.8	4.9	5.1	8.5	8.6	8.6	8.2	5.3	4.8	4.4		
11	5	4.2	4.1	4.1	4.2	4.4	4.8	5.4	5.9	5.2	4.9	4.8	4.7	4.6	4.6	4.6	4.8	5.0	5.6	7.9	7.7	7.7	4.9	4.9	4.6	
11	6	4.4	4.3	4.3	4.3	4.5	5.0	5.6	5.7	5.3	5.0	4.8	4.7	4.6	4.6	4.6	4.8	5.0	5.5	8.2	8.2	8.0	6.5	4.9	4.6	
11	7	4.4	4.3	4.2	4.3	4.4	4.7	5.1	5.2	5.0	4.9	4.7	4.6	4.6	4.5	4.6	4.7	5.0	5.5	8.1	8.0	8.4	6.4	4.8	4.5	
11	8	4.3	4.2	4.1	4.1	4.2	4.4	4.7	4.9	4.9	4.8	4.7	4.7	4.7	4.7	4.8	5.0	5.3	5.9	8.5	8.3	8.1	5.9	4.8	4.4	
11	9	4.2	4.1	4.1	4.1	4.4	4.8	5.5	6.1	5.2	4.9	4.8	4.7	4.7	4.7	4.8	5.0	5.3	6.7	8.3	8.2	6.7	6.4	5.8	4.4	
11	10	4.2	4.1	4.1	4.1	4.3	4.8	6.0	7.3	7.0	5.0	4.9	4.8	4.8	4.8	4.9	5.2	6.9	8.6	8.5	8.5	8.5	7.3	6.2	4.7	
11	11	4.4	4.3	4.3	4.4	4.6	5.0	5.5	6.0	5.4	5.2	5.0	4.9	4.8	4.7	4.7	4.8	5.2	7.7	8.6	8.7	8.6	7.6	6.0	5.0	
11	12	4.8	4.8	4.9	4.9	5.2	5.7	6.8	8.5	8.0	5.4	5.1	4.9	4.8	4.7	4.7	4.9	5.2	7.6	8.6	8.6	8.4	7.5	5.8	4.8	
11	13	4.6	4.6	4.6	4.6	4.9	5.3	7.3	8.6	5.6	5.2	5.0	4.8	4.7	4.7	4.7	4.9	5.1	5.7	8.6	8.6	8.6	6.0	5.6	4.7	
11	14	4.5	4.4	4.4	4.4	4.6	4.6	5.0	5.5	6.0	5.4	5.2	5.0	4.9	4.8	4.8	4.8	5.0	5.1	5.6	8.6	8.6	8.6	5.8	5.4	4.5
11	15	4.3	4.2	4.1	4.1	4.2	4.4	4.7	5.0	5.2	5.2	5.3	5.2	5.2	5.3	5.3	5.3	5.4	6.0	6.3	6.1	5.8	5.4	4.9	4.5	
11	16	4.2	4.1	4.1	4.1	4.4	4.8	5.4	5.7	5.6	5.7	5.7	5.6	5.4	5.3	5.4	5.4	5.8	8.1	8.8	8.9	8.6	8.6	6.9	6.2	5.3
11	17	5.1	5.0	5.0	5.1	5.3	5.9	6.5	7.3	6.8	5.7	5.3	5.1	5.0	4.8	4.8	4.8	4.9	5.5	6.7	6.7	7.4	7.3	6.8	5.9	5.1
11	18	5.0	4.9	4.9	5.0	5.3	5.8	6.5	7.1	6.4	5.5	5.1	4.9	4.7	4.6	4.6	4.6	4.7	5.1	7.4	8.7	8.7	8.8	5.8	5.3	5.0
11	19	4.8	4.7	4.8	4.9	5.2	5.7	6.3	7.2	6.5	5.3	5.0	4.8	4.7	4.6	4.6	4.7	4.9	5.1	6.3	8.6	8.7	8.8	7.6	5.3	4.6
11	20	4.5	4.4	4.5	4.8	5.3	6.5	7.2	5.7	5.1	4.9	4.7	4.6	4.6	4.6	4.6	4.7	4.8	5.1	6.2	8.6	8.6	8.6	6.0	5.0	4.6
11	21	4.4	4.3	4.3	4.5	4.5	4.8	5.2	5.4	5.3	5.1	4.9	4.8	4.7	4.7	4.7	4.7	4.9	5.1	6.3	8.6	8.7	8.7	8.7	8.7	4.7
11	22	4.5	4.4	4.4	4.4	4.5	4.7	5.1	5.3	5.1	4.9	4.7	4.7	4.7	4.7	4.7	4.9	5.2	5.8	7.2	6.1	5.9	5.5	5.0	4.7	
11	23	4.3	4.3	4.4	4.6	4.6	5.1	5.8	8.6	6.6	5.2	5.0	4.8	4.8	4.7	4.7	4.8	5.0	5.3	6.5	8.7	8.7	8.6	7.0	5.0	4.7
11	24	4.4	4.4	4.4	4.5	4.7	5.2	5.8	7.4	7.4	5.2	5.0	4.8	4.7	4.7	4.7	4.8	4.9	5.2	6.2	8.7	8.7	8.7	8.7	8.7	4.7
11	25	4.5	4.3	4.3	4.3	4.5	4.8	6.2	7.2	7.2	5.6	5.5	5.4	5.3	5.3	5.2	5.3	5.4	6.3	8.6	8.6	8.6	5.9	5.6	5.2	4.8
11	26	4.5	4.4	4.3	4.3	4.4	4.4	4.6	5.0	5.4	5.8	5.9	5.8	5.7	5.5	5.5	5.2	5.0	4.9	4.9	5.3	5.5	5.5	5.3	5.0	4.8
11	27	4.6	4.5	4.5	4.5	4.7	5.0	5.4	5.7	5.7	5.5	5.3	5.1	4.9	4.8	4.8	4.9	5.2	6.2	6.5	6.5	6.6	6.1	5.6	5.2	
11	28	5.0	4.9	4.9	5.0	5.2	5.5	6.3	6.1	5.7	5.4	5.2	5.0	4.8	4.8	4.9	4.9	5.2	7.7	8.5	8.4	7.2	6.1	5.7	5.4	
11	29	5.2	5.1	5.1	5.2	5.3	5.6	6.0	6.5	6.3	5.8	5.5	5.2	5.0	4.9	4.9	5.0	5.4	8.5	8.8	8.9	8.8	7.3	6.5	5.5	
11	30	5.3	5.3	5.4	5.4	5.8	6.7	8.2	8.7	7.7	6.2	5.8	5.4	5.2	5.0	4.9	5.0	5.5	7.8	7.7	7.9	7.4	7.7	6.9	5.7	

## 2015 Integrated Resource Planning Actual Data Filing

Mon	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
12	1	5.5	5.5	5.6	5.7	6.2	7.0	9.0	8.7	6.1	5.6	5.3	5.1	4.9	4.8	5.0	5.4	6.4	8.2	8.3	8.7	8.3	6.5	7.3				
12	2	5.5	5.4	5.5	5.6	5.9	6.5	9.1	9.0	6.7	6.0	5.5	5.2	4.9	4.8	4.8	4.9	5.3	6.2	8.3	8.3	8.1	6.4	5.9	5.4			
12	3	5.4	5.2	5.3	5.4	6.1	6.6	7.2	7.1	6.5	5.9	5.4	5.1	4.9	4.8	4.7	4.9	5.2	6.1	6.5	6.5	6.5	6.2	5.8	5.6			
12	4	5.2	5.0	5.0	5.2	5.5	6.0	6.7	6.8	6.4	5.8	5.5	5.2	5.1	5.0	5.0	5.1	5.4	6.1	6.3	6.3	6.1	5.6	5.6	5.4			
12	5	5.2	5.0	4.9	5.0	5.2	5.5	6.0	6.4	6.4	5.8	5.6	5.2	5.0	4.9	4.9	5.0	5.2	6.2	6.3	6.4	6.3	6.2	5.8	5.2			
12	6	4.9	4.8	4.8	4.9	5.1	5.4	5.8	6.3	6.3	5.8	5.4	5.2	5.0	4.9	5.0	5.1	5.4	6.2	6.5	6.5	6.3	6.3	5.9	5.4			
12	7	4.7	4.6	4.6	4.7	5.0	5.6	6.4	6.5	6.3	6.0	5.6	5.3	5.1	4.9	5.0	5.3	6.3	6.9	6.8	6.7	6.7	6.2	5.6	5.2			
12	8	5.0	5.0	5.0	5.1	5.3	5.9	6.7	7.5	6.9	5.8	5.4	5.1	4.9	4.8	4.9	5.0	5.3	6.2	8.8	8.8	7.7	6.1	5.5	5.1			
12	9	4.9	4.8	4.8	4.9	5.2	5.8	6.5	6.6	6.1	5.7	5.4	5.1	5.0	4.9	5.0	5.1	5.4	6.2	6.5	6.5	6.3	6.0	5.4	4.9			
12	10	4.8	4.7	4.7	4.8	5.1	5.6	6.4	6.5	6.0	5.5	5.2	5.0	4.9	4.9	5.0	5.3	6.3	6.9	6.8	6.7	6.7	6.2	5.6	5.2			
12	11	4.5	4.5	4.5	4.5	4.7	5.2	5.9	6.0	5.9	5.7	5.4	5.1	5.0	4.9	5.0	5.3	6.0	6.2	8.7	8.8	7.9	7.9	5.8	5.2	4.8		
12	12	4.7	4.5	4.5	4.6	4.8	5.1	5.5	5.9	6.0	6.0	5.8	5.8	5.7	5.7	5.7	5.8	6.1	7.1	8.9	8.3	6.9	6.6	6.0	5.6	5.6		
12	13	5.4	5.3	5.3	5.4	5.5	5.8	6.4	6.8	6.6	6.1	5.7	5.4	5.1	5.0	5.0	5.1	5.5	6.4	7.0	7.1	6.9	6.5	6.0	5.5	5.0		
12	14	5.2	5.1	5.2	5.2	5.5	6.2	7.0	8.7	8.4	8.4	6.6	6.4	6.3	6.2	6.3	6.5	7.0	8.0	8.9	8.9	8.3	7.8	7.0	6.1	5.6		
12	15	5.9	6.0	6.1	6.4	7.1	9.2	9.2	8.9	6.7	6.3	5.8	5.8	5.6	5.4	5.3	5.4	5.8	7.4	9.2	9.2	9.1	7.3	7.1	4.9	4.9		
12	16	6.5	6.3	6.3	6.5	6.8	7.4	9.1	9.4	9.0	7.0	6.4	6.0	5.6	5.4	5.3	5.4	5.9	7.4	9.2	9.2	9.1	8.9	8.6	8.6	8.6		
12	17	6.6	6.6	6.6	6.9	7.4	8.2	9.5	9.5	9.1	7.4	6.5	6.1	5.7	5.4	5.3	5.3	6.0	8.9	9.0	9.2	9.2	9.0	8.4	8.4	8.4		
12	18	6.2	6.1	6.1	6.4	7.3	9.1	9.0	8.9	6.7	6.1	5.7	5.4	5.1	5.0	5.1	5.5	8.7	8.8	8.7	8.6	8.0	7.5	6.4	6.4	6.4		
12	19	5.6	5.5	5.5	5.6	5.7	6.1	6.5	8.3	8.6	7.0	6.6	6.2	6.0	5.8	5.8	5.9	6.1	8.7	8.2	8.2	8.1	7.8	7.2	5.6	5.6	5.6	
12	20	5.3	5.1	5.0	5.1	5.2	5.5	5.9	6.3	5.3	5.9	5.6	5.3	5.1	5.0	5.1	5.2	5.6	6.5	7.1	7.1	7.0	6.7	6.0	5.6	5.6	5.6	
12	21	5.4	5.3	5.4	5.5	5.8	6.4	7.2	7.5	7.0	6.6	6.2	5.8	5.5	5.2	5.1	5.1	5.6	6.5	7.6	7.5	7.3	6.8	6.1	5.6	5.6	5.6	
12	22	5.3	5.2	5.2	5.3	5.5	5.9	6.8	7.0	6.9	6.7	6.4	6.1	5.9	5.9	5.8	5.9	6.2	8.1	8.8	8.7	8.7	8.5	8.1	7.8	7.2	7.2	
12	23	5.1	4.9	4.9	4.9	5.2	5.5	6.0	6.9	6.3	6.0	5.7	5.5	5.3	5.1	5.1	5.5	6.6	6.6	7.9	9.1	8.9	8.4	8.3	7.1	6.7	6.7	
12	24	5.0	4.8	4.8	4.8	5.0	5.3	5.8	6.1	6.2	6.0	5.7	5.5	5.3	5.2	5.2	5.4	5.9	6.7	6.7	6.7	6.2	6.1	5.8	5.4	5.4	5.4	
12	25	5.2	5.1	5.1	5.1	5.2	5.4	5.8	6.2	6.1	5.8	5.5	5.3	5.1	5.0	4.9	5.0	5.9	6.3	6.4	6.4	6.3	6.3	5.9	5.6	5.6	5.6	5.6
12	26	5.4	5.4	5.5	5.7	6.0	6.5	6.9	7.0	6.8	6.6	6.3	6.1	6.0	6.0	6.2	6.6	7.9	9.1	8.9	8.4	8.3	7.1	6.7	6.7	6.7	6.7	
12	27	6.4	6.3	6.3	6.4	6.6	6.8	7.2	7.6	7.4	7.0	6.6	6.2	6.0	5.7	5.6	5.6	6.0	6.9	7.5	7.6	7.5	7.2	6.7	6.3	6.3	6.3	6.3
12	28	6.1	6.1	6.1	6.2	6.5	7.0	7.9	8.4	8.0	7.0	6.5	6.1	5.7	5.6	5.4	5.5	6.3	8.8	8.5	8.5	8.5	7.8	7.9	8.0	8.1	8.1	8.1
12	29	6.8	6.0	6.1	6.2	6.6	7.0	7.8	8.3	8.4	7.6	7.3	6.9	6.3	5.9	5.7	5.8	6.2	7.5	8.6	8.9	8.9	8.5	8.0	7.9	7.9	7.9	7.9
12	30	7.7	7.2	6.6	6.8	7.2	8.3	8.5	9.3	8.8	7.6	6.9	6.1	5.7	5.4	5.3	5.3	5.7	7.0	7.9	8.1	8.0	7.7	7.8	6.9	6.9	6.9	6.9
12	31	6.5	6.2	6.4	7.3	7.8	7.8	8.3	8.4	7.7	7.0	6.3	5.9	5.6	5.4	5.5	5.9	7.1	8.0	7.9	7.9	7.4	7.2	6.8	6.4	6.4	6.4	6.4

---

## 2015 Integrated Resource Planning Actual Data Filing

### R14-2-703. Load-serving Entity Reporting Requirements

A.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of demand-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:

1. Hourly demand for the previous calendar year, disaggregated by:
  - d. Other disposition of energy, such as energy furnished without charge and energy used by the load-serving entity;

---

### 2015 Monthly Energy Used for Station Operation – MWh

Month	2013	2014	2015
January	23,214.54	27,040.01	24,876.41
February	19,093.38	24,986.10	20,581.41
March	21,764.68	19,068.55	17,963.64
April	21,230.53	21,778.40	15,189.60
May	23,039.43	26,698.81	17,247.72
June	25,845.04	27,734.44	25,716.15
July	28,227.11	29,596.16	27,839.26
August	29,302.35	29,051.94	28,428.08
September	24,241.92	28,268.06	24,413.46
October	21,956.60	28,266.93	23,984.64
November	25,095.43	27,213.73	20,592.15
December	27,499.56	25,804.07	22,219.84
<b>Annual</b>	<b>290,510.57</b>	<b>315,507.19</b>	<b>269,052.36</b>

The values reported are the difference between gross and net generation at the Apache Generating Station and represent the energy requirements of auxiliary loads.

---

## 2015 Integrated Resource Planning Actual Data Filing

### R14-2-703. Load-serving Entity Reporting Requirements

A.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of demand-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:

2. Coincident peak demand (megawatts) and energy consumption (megawatt-hours) by month for the previous 10 years, disaggregated by customer class;
- 

Because AEPCO only provides energy at wholesale, AEPCO has no retail customer classes for which to track coincident peak. AEPCO's total firm coincidental peak demand at wholesale (megawatts) is shown in the table below.

**AEPCO Class A Members**  
**Total Firm Coincidental Peak Demand – MW**  
**From AC in AEPCO Resources**

Month	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015*
Jan	415	458	435	413	415	355	316	356	362	367
Feb	397	432	436	414	415	393	301	362	362	364
Mar	408	430	415	387	400	300	269	349	366	367
Apr	419	442	423	455	381	232	274	384	371	297
May	525	531	493	573	452	372	407	384	435	412
Jun	613	624	565	627	549	437	413	546	485	521
Jul	623	657	564	724	553	467	469	541	535	516
Aug	575	643	567	701	556	462	481	505	450	549
Sep	531	611	538	614	522	460	416	462	452	505
Oct	491	496	467	483	462	391	374	360	361	434
Nov	434	419	393	392	385	323	264	360	361	375
Dec	448	461	426	417	407	346	313	360	361	402

\*The 2015 peak demands are consistent with the hourly data in Section A-1.b.

**2015 Integrated Resource Planning Actual Data Filing****Total Energy Served – MWh  
From AEPCO Resources**

<b>Month</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015*</b>
January	266,470	288,033	282,716	240,318	243,220	186,898	183,298	178,932	231,954	198,381
February	237,919	248,930	261,017	209,490	223,247	160,627	158,934	146,870	211,738	159,466
March	268,679	277,409	273,957	216,062	209,300	131,534	117,108	170,679	174,019	163,905
April	266,747	273,905	268,390	198,376	201,994	125,801	117,667	184,608	198,005	152,623
May	303,026	306,770	287,687	273,022	206,492	175,310	179,351	207,176	238,730	176,520
June	330,848	337,187	315,939	261,053	257,748	222,136	199,802	256,767	254,438	268,356
July	350,902	364,431	329,605	342,696	257,492	251,244	215,559	276,990	271,987	274,027
August	327,156	352,825	328,042	316,644	266,470	259,422	236,708	257,929	252,813	283,638
September	288,662	317,315	294,168	268,132	247,253	219,281	195,854	210,232	246,467	239,170
October	264,387	282,760	269,114	224,123	195,806	182,930	177,484	178,810	237,863	193,605
November	235,500	257,255	234,854	190,179	181,819	156,281	152,200	204,172	224,723	167,217
December	280,721	287,624	262,961	242,069	191,836	195,910	166,477	234,516	207,387	197,067
Annual	3,421,017	3,594,444	3,408,450	2,982,164	2,682,677	2,267,373	2,100,442	2,507,683	2,750,125	2,473,972

\*The 2015 monthly energy MWhs are taken from the hourly load data in Section A-1.b. Prior to 2013, the values reflect ARM metered load plus scheduled energy take by the PRMs.

AEPCO does not serve end-use customers. The table above reflects AEPCO's Total Energy Served. The pages that follow (31-37) contain aggregate consumption data by customer class, as provided by AEPCO's Class A Members.

## **2015 Integrated Resource Planning Actual Data Filing**

### **AEPCO Class A Members Residential Class - Energy Served – MWh**

This data represents AEPCO's Class A Member aggregate data by customer class as reported by Members. The addition of the energy served in various customer classes will not yield the total energy shown on page 30, because page 30 is limited to AEPCO resources. See description in Section A-1.b.

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **AEPCO Class A Members Irrigation Class - Energy Served – MWh**

This data represents AEPCO's Class A Member aggregate data by customer class as reported by Members. The addition of the energy served in various customer classes will not yield the total energy shown on page 30, because page 30 is limited to AEPCO resources. *See* description in Section A-1.b.

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **AEPCO Class A Members Small Commercial Class (< 350 kW) - Energy Served – MWh**

This data represents AEPCO's Class A Member aggregate data by customer class as reported by Members. The addition of the energy served in various customer classes will not yield the total energy shown on page 30, because page 30 is limited to AEPCO resources. See description in Section A-1.b.

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **AEPCO Class A Members Large Commercial Class (> 350 kW) - Energy Served – MWh**

This data represents AEPCO's Class A Member aggregate data by customer class as reported by Members. The addition of the energy served in various customer classes will not yield the total energy shown on page 30, because page 30 is limited to AEPCO resources. *See* description in Section A-1.b.

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **AEPCO Class A Members Special Contracts – Other Sales - Energy Served – MWh**

This data represents AEPCO's Class A Member aggregate data by customer class as reported by Members. The addition of the energy served in various customer classes will not yield the total energy shown on page 30, because page 30 is limited to AEPCO resources. *See* description in Section A-1.b.

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **AEPCO Class A Members Sales for Resale - Energy Served – MWh**

This data represents AEPCO's Class A Member aggregate data by customer class as reported by Members. The addition of the energy served in various customer classes will not yield the total energy shown on page 30, because page 30 is limited to AEPCO resources. *See* description in Section A-1.b.

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## 2015 Integrated Resource Planning Actual Data Filing

### AEPCO Class A Members Highway Lighting Class - Energy Served – MWh

This data represents AEPCO's Class A Member aggregate data by customer class as reported by Members. The addition of the energy served in various customer classes will not yield the total energy shown on page 30, because page 30 is limited to AEPCO resources. *See* description in Section A-1.b.

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**A.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of demand-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

3. Number of customers by customer class for each of the previous 10 years; and
- 

#### **AEPCO Class A Members Number of Customers by Customer Class**

Because AEPCO only provides energy at wholesale, it has no retail customer classes to report. The data provided has been supplied to AEPCO by its Member distribution cooperatives.

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## 2015 Integrated Resource Planning Actual Data Filing

### R14-2-703. Load-serving Entity Reporting Requirements

A.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of demand-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:

4. Reduction in load (kilowatt and kilowatt-hours) in the previous calendar year due to existing demand management measures, by type of demand management measure.
- 

AEPCO is unique among entities covered by the IRP Rules in that it supplies power only at wholesale, predominately to its Class A Member distribution cooperatives. It, therefore, serves no demand-side role in the Integrated Resource Planning process.

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

- 1. For each generating unit and purchased power contract for the previous calendar year:**
    - a. In-service date and book life or contract period;**
- 

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## 2015 Integrated Resource Planning Actual Data Filing

### R14-2-703. Load-serving Entity Reporting Requirements

B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:

1. For each generating unit and purchased power contract for the previous calendar year:
  - b. Type of generating unit or contract;

---

Type of Generating Unit

Unit/Contract	Type of Unit/Contract
Gas Turbine 1	Peaking
Steam Turbine 1	Intermediate
Gas Turbine 2	Peaking
Gas Turbine 3	Peaking
Gas Turbine 4	Peaking
Steam Turbine 2	Load Following
Steam Turbine 3	Load Following
SLC-IP	Firm Hydro
Parker-Davis	Firm Hydro
SPPR PPA	Firm PPA

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

1. For each generating unit and purchased power contract for the previous calendar year:
  - c. The load-serving entity's share of the generating unit's capacity, or of capacity under the contract, in megawatts;

---

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

- 1. For each generating unit and purchased power contract for the previous calendar year:**
  - d. Maximum generating unit or contract capacity, by hour, day, or month, if such capacity varies during the year;**

---

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## 2015 Integrated Resource Planning Actual Data Filing

### R14-2-703. Load-serving Entity Reporting Requirements

B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:

1. For each generating unit and purchased power contract for the previous calendar year:
    - e. Annual capacity factor (generating units only);
- 

#### 2015 Annual Capacity Factor - %

Unit	Capacity Factor
Steam Turbine 1	3.17%
Gas Turbine 1	1.07%
Gas Turbine 2	0.00%
Gas Turbine 3	0.79%
Gas Turbine 4	7.38%
Steam Turbine 2	56.59%
Steam Turbine 3	70.94%

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

1. For each generating unit and purchased power contract for the previous calendar year:
  - f. Average heat rate of generating units and, if available, heat rates at selected output levels;

---

**[Begin Confidential Information]**

**[Response continues on next page.]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

**2015 Integrated Resource Planning Actual Data Filing**

[Continue Confidential Information]

[Response continues on next page.]

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

**2015 Integrated Resource Planning Actual Data Filing**

[Continue Confidential Information]

[Response continues on next page.]

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

[Continue Confidential Information]

[Response continues on next page.]

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

**[Continue Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

1. For each generating unit and purchased power contract for the previous calendar year:
  - g. Average fuel cost for generating units, in dollars per million Btu for each type of fuel;

---

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

1. For each generating unit and purchased power contract for the previous calendar year:
  - h. Other variable operating and maintenance costs for generating units, in dollars per megawatt hour;

---

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

- 1. For each generating unit and purchased power contract for the previous calendar year:**
  - i. Purchased power energy costs for long-term contracts, in dollars per megawatt-hour;**

---

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

1. For each generating unit and purchased power contract for the previous calendar year:
  - j. Fixed operating and maintenance costs of generating units, in dollars per megawatt;

---

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

1. For each generating unit and purchased power contract for the previous calendar year:
  - k. Demand charges for purchased power;

---

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## 2015 Integrated Resource Planning Actual Data Filing

### R14-2-703. Load-serving Entity Reporting Requirements

B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:

1. For each generating unit and purchased power contract for the previous calendar year:
  1. Fuel type for each generating unit;

---

### 2015 Primary & Secondary Fuel Types for Each Unit

Unit	Primary Fuel	Secondary Fuel
Combined Cycle (GT1 + ST1)	Natural Gas	None
Gas Turbine 2	Natural Gas	Fuel Oil
Gas Turbine 3	Natural Gas	None
Gas Turbine 4	Natural Gas	Fuel Oil
Steam Turbine 2	Coal	Natural Gas
Steam Turbine 3	Coal	Natural Gas

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

1. For each generating unit and purchased power contract for the previous calendar year:
  - m. Minimum capacity at which the generating unit would be run or power must be purchased;

---

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

1. For each generating unit and purchased power contract for the previous calendar year:
  - n. Whether, under standard operating procedures, the generating unit must be run if it is available to run;

---

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## 2015 Integrated Resource Planning Actual Data Filing

### R14-2-703. Load-serving Entity Reporting Requirements

B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:

1. For each generating unit and purchased power contract for the previous calendar year:
  - o. Description of each generating unit as base load, intermediate, or peaking;

#### **Combined Cycle 1 (CC1)**

CC1 is a Combined Cycle unit consisting of Gas Turbine 1 (GT1), a natural gas-fired simple cycle GE MS5001D combustion turbine constructed in 1963 with a gross rated capacity of 10 MW. GT1 is often operated in concert with Steam Unit 1 (ST1), a natural gas-fired boiler constructed in 1963 with a gross rated capacity of 72 MW. ST1 can be operating independently or heat from the boiler burners can be supplemented by exhaust gas from GT1. Together their net rated capacity is 82 MW. Historically, this unit has served the following functions within the AEPCO generation portfolio: (i) seasonal (summer) peaking, (ii) spinning reserves and regulation during the period when the unit is on line, (iii) reliability service for ST2 and ST3 unplanned outages, and (iv) collateral for market purchases allowing AEPCO's PRMs to make economy purchases in the real-time energy market. AEPCO plans to continue operating CC1 in the future for seasonal peaking and as well as to continue to serve as collateral for market purchases.

#### **Gas Turbine 2 (GT2)**

GT2 is a simple cycle GE Frame 5N combustion turbine with a rated capacity of 20 MW and was constructed in 1972. Historically, this generation resource has been utilized by AEPCO as non-spinning reserves. Under the Western Electric Coordinating Council (WECC) and Southwest Reserve Sharing Group (SRSG) procedures, any resource designated as non-spinning for reserve calculations is off-line generation capacity that can be ramped to capacity and synchronized to the grid within ten minutes of a dispatch instruction and is used to maintain system frequency stability during emergency conditions.

The unit start time for GT2 is approximately seven minutes. Due to AEPCO's ability to perform these quick test starts within ten minutes this unit has been an economical option to satisfy AEPCO's regulatory non-spinning requirements. AEPCO plans to continue operating GT2 into the future primarily as a non-spinning resource and secondarily as collateral for market purchases.

#### **Gas Turbine 3 (GT3)**

GT3, constructed in 1975, is a simple cycle, natural gas-fired Westinghouse 501B2 combustion turbine with a rated capacity of 65 MW. AEPCO plans to continue operating GT3 into the future primarily for seasonal peaking and as collateral for market purchases.

## **2015 Integrated Resource Planning Actual Data Filing**

### **Gas Turbine 4 (GT4)**

GT4 is a simple cycle, dual fuel, GE LM6000 peaking resource rated at approximately 38 MW. The unit is equipped with an SCR for NOx reduction. AEPCO plans to continue operating GT4 into the future primarily for seasonal peaking and as collateral for market purchases.

### **Steam Unit 2 (ST2) and Steam Unit 3 (ST3)**

ST2 and ST3 are virtually identical units commissioned in 1979 each having a net unit rating of 175 MW. Coal is the primary fuel, but the units have the ability to burn natural gas. AEPCO operates both ST2 and ST3 as load following resources to meet the resource requirements of the Class A Members.

### **SLC-IP Purchase**

The SLC-IP purchase power contract is for hydroelectric capacity which is made available on a seasonable basis and served from the dams of the Salt Lake City Integrated Projects. This capacity is typically scheduled in advance and over peak hours to maximize the energy's value.

### **Parker-Davis Purchase**

The Parker-Davis purchase power contract is for hydroelectric capacity which is made available on a seasonable basis and served from the Parker Dam and Davis Dam power projects. This capacity is typically scheduled in advance and over peak hours to maximize the energy's value.

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## 2015 Integrated Resource Planning Actual Data Filing

### R14-2-703. Load-serving Entity Reporting Requirements

B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:

1. For each generating unit and purchased power contract for the previous calendar year:

p. Environmental impacts, including air emission quantities (in metric tons or pounds) and rates (in quantities per megawatt-hour) for carbon dioxide, nitrogen oxides, sulfur dioxide, mercury, particulates, and other air emissions subject to current or expected future environmental regulation;

2015 Generating Unit	Air Emissions				
	CO <sub>2</sub> tons/year	Total PM tons/year	SO <sub>2</sub> tons/year	Hg lbs/year	NOx tons/year
ST1- natural gas	13,421.64	0.18	0.06		18.52
ST2 – coal	939,181.45	19.89	1,035.82	31.82	1,545.16
ST2 - natural gas		0.20			
ST3 – coal	1,153,380.00	23.71	1,293.36	38.02	2,399.06
ST3 - natural gas		0.11			
GT1 - natural gas	1,688.85	0.03	0.00		0.00
GT2 - natural gas	3.12	0.00	0.00		0.01
GT3 - natural gas	7,454.83	0.12	0.04		24.91
GT4 - natural gas	16,217.55	0.66	0.08		5.59
GT4 - fuel oil		0.00			

No emissions calculations are available from PPA resources.

Reported 'tons' are given in metric tons.

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

1. For each generating unit and purchased power contract for the previous calendar year:
  - q. Water consumption quantities and rates; and

---

Information is not available regarding water consumption per generating unit. For all units, an estimated total of 3,244 acre feet of water was used in 2015 based on metered production well output.

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

- 1. For each generating unit and purchased power contract for the previous calendar year:**
  - r. Tons of coal ash produced per generating unit;**

---

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## 2015 Integrated Resource Planning Actual Data Filing

### R14-2-703. Load-serving Entity Reporting Requirements

B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:

2. For the power supply system for the previous calendar year:

- a. A description of generating unit commitment procedures;
- 

#### Commitment Procedures

All of AEPCO's generation is located at Apache Generating Station (AGS). AGS consists of two coal steam units (175 MW each), one gas steam unit (72 MW) and four gas turbines ranging from 10 MW to 65 MW. In a normal year, AGS Units 2 & 3 are both on-line except during March and/or April, when one of the units is off-line for a major or minor overhaul. When Steam Units 2 & 3 are both committed, they are dispatched economically each hour. The remaining units are dispatched seasonally or daily as needed to meet load on an economic basis. If AEPCO is able to economically purchase power against the gas units, AEPCO makes economy purchases prior to starting the gas units. One such example is the Southwest Public Power Resource (SPPR PPA), which is called upon on a prescheduled, day-ahead basis.

As a preference customer, AEPCO also has contract entitlements to Parker-Davis hydro and Salt Lake City Area Integrated Projects capacity (SLC-IP) (Colorado River Storage Project hydro). These hydro contracts are AEPCO's least expensive resources and are scheduled to the extent allowed in each contract against AEPCO's loads. This tends to level the output required from Apache Station and maximize station efficiency. On occasion, AEPCO will enter into take-or-pay contracts (block purchases) that are used for fuel displacement and maintenance outage coverage.

Thus, subject to availability, the units and PPAs are generally committed in economic order against the net of load minus hydro resources and short-term economy.

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

2. For the power supply system for the previous calendar year:

b. Production cost;

---

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:

2. For the power supply system for the previous calendar year:

c. Reserve requirements;

---

[Begin Confidential Information]

[End Confidential Information]

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

2. For the power supply system for the previous calendar year:

d. Spinning reserve;

---

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

2. For the power supply system for the previous calendar year:

e. Reliability of generating, transmission, and distribution systems;

---

The following information was provided by AEPCO's transmission affiliate, Southwest Transmission Cooperative, Inc. (SWTC).

**[Begin Confidential Information]**

**[Response continues on next page.]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

**[Continue Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

2. For the power supply system for the previous calendar year:
  - f. Purchase and sale prices, averaged by month, for the aggregate of all purchases and sales related to short-term contracts; and

---

AEPCO had no short-term contract purchases or sales during 2015.

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:

2. For the power supply system for the previous calendar year:

g. Energy Losses;

---

**[Begin Confidential Information]**

**[End Confidential Information]**

**THIS PAGE CONTAINS CONFIDENTIAL INFORMATION PROTECTED  
PURSUANT TO THE PROTECTIVE AGREEMENT BETWEEN  
AEPCO AND STAFF DATED MARCH 23, 2015.**

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

- 3. The level of self generation in the load-serving entity's service area for the previous calendar year; and**
- 

AEPCO is unique among entities covered by the IRP Rules in that it supplies power only at wholesale predominately to its Class A Member Distribution Cooperatives and, therefore, has no self-generating customers at retail. AEPCO has no current data with respect to self-generation or cogeneration in its Members' service areas.

## **2015 Integrated Resource Planning Actual Data Filing**

### **R14-2-703. Load-serving Entity Reporting Requirements**

**B.) A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:**

4. An explanation of any resource procurement processes used by the load-serving entity during the previous calendar year that did not include use of an RFP, including the exception under which the process was used.
- 

AEPCO did not acquire any new resources in 2015.